

CURRICULUM VITAE

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Contact Information**Office:**

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Present Position

- 2022-present Associate Professor of Occupational Therapy, Neurology (Movement Disorders Section) and Psychiatry; Washington University in St. Louis School of Medicine; St. Louis, Missouri
- 2022-present Director of Graduate Studies for the Rehabilitation and Participation Science PhD program; Program in Occupational Therapy; Washington University in St. Louis School of Medicine; St. Louis, Missouri

Education**Undergraduate:**

- 2003 Bachelor of Arts in Psychology (major), Biology (minor); Washington University in St. Louis; St. Louis, Missouri

Graduate:

- 2004 Clinical Internship; The Rehabilitation Institute of St. Louis; St. Louis, Missouri
- 2005 Clinical Internship; Kessler Institute for Rehabilitation, Brain Injury Unit; East Orange, New Jersey
- 2005 Research Internship; Washington University School of Medicine; Department of Psychiatry; St. Louis, Missouri
- 2005 Doctorate in Occupational Therapy (OTD); Washington University in St. Louis School of Medicine, Program in Occupational Therapy; St. Louis, Missouri
- 2009 Master's of Science in Clinical Investigation (MSCI); Washington University in St. Louis School of Medicine, Clinical Research Training Center Postdoctoral Program; St. Louis, Missouri
- 2018 Doctor of Philosophy (PhD) in Rehabilitation and Participation Science; Washington University in St. Louis; St. Louis, Missouri

Postgraduate:

- 2006-2008 Postdoctoral Fellowship; clinical neuroscience, clinical investigation; Tamara Hershey, Ph.D, Department of Psychiatry, Washington University

in St. Louis School of Medicine; St. Louis, Missouri

Academic Positions / Employment

2003-2004	Research Assistant; Very Early Constraint-Induced Movement for the Rehabilitation of Stroke study (VECTORS; PI: A. Dromerick); Department of Neurology and Program in Occupational Therapy, Washington University in St. Louis School of Medicine; St. Louis, Missouri
2008-2011	Instructor in Occupational Therapy and Neurology (Movement Disorders Section); Washington University in St. Louis School of Medicine; St. Louis, Missouri
2009-2011	Instructor in Psychiatry; Washington University in St. Louis School of Medicine; St. Louis, Missouri
2011-2021	Assistant Professor in Occupational Therapy, Neurology (Movement Disorders Section) and Psychiatry; Washington University in St. Louis School of Medicine; St. Louis, Missouri
2022-present	Associate Professor in Occupational Therapy, Neurology (Movement Disorders Section) and Psychiatry; Washington University in St. Louis School of Medicine; St. Louis, Missouri
2022-present	Director of Graduate Studies for the Rehabilitation and Participation Science PhD program; Program in Occupational Therapy; Washington University in St. Louis School of Medicine; St. Louis, Missouri

Community Service Contributions

International:

2019-present	Member, American Congress of Rehabilitation Medicine Neurodegenerative Diseases Networking Group
2020-present	Member, American Congress of Rehabilitation Medicine Parkinson Disease and Related Disorders Task Force
2021-2023	Vice Chair, American Congress of Rehabilitation Medicine Parkinson Disease and Related Disorders Task Force
2023-2025	Co-Chair, American Congress of Rehabilitation Medicine Parkinson Disease and Related Disorders Task Force
2024-present	Member, World Parkinson Congress Program Planning Committee for Comprehensive Care

National:

2013-2014	Member, American Occupational Therapy Association Occupational Therapy Practice Guidelines for Adults with Neurodegenerative Diseases Development Committee
2019-present	Member, American Academy of Neurology Movement Disorder Measure Development Work Group
2019-present	Member, American Occupational Therapy Association Occupational Therapy Practice Guidelines for Adults with Parkinson's Disease Development Committee
2021-2022	Member, American Occupational Therapy Foundation Fatigue Planning

	Grant Collective Planning Committee
2022-2025	Member, Scientific Advisory Council, Lewy Body Dementia Association
2022-2024	Member, Clinical Care and Professional Education Working Group, Lewy Body Dementia Association
2023	Member, American Occupational Therapy Foundation Functional Cognition Meeting Planning Committee
2024-present	Member, DEIA Steering Committee, American Parkinson Disease Association
2024-present	Member, Health Disparities Working Group, Lewy Body Dementia Association
2024-present	Member, Occupational Therapy Summit of Scholars Planning Committee
2025-present	Member, Parkinson's Foundation Clinical Advisory Board
2025-present	Member, Advisory Council, Lewy Body Dementia Association

Local:

2017-present	Member, St. Louis American Parkinson Disease Association Optimism Walk Committee
2020-present	Co-Chair, St. Louis American Parkinson Disease Association Midwest Parkinson Congress Committee

University/Hospital:

2019-present	Washington University Institute of Clinical and Translational Sciences, Research Forum Program
2023-present	Washington University School of Medicine Graduate Program Council
2025-present	Washington University School of Medicine Office of Diversity, Equity, and Inclusion Restorative Practice Ambassador

Department/Division:

2008-2010	Member, Admissions/Scholarship Committee for Master's of Science in Occupational Therapy
2013-2016	Member, Curriculum Committee for Occupational Therapy Doctorate
2010-2017	Member, Curriculum Committee for Master's of Science in Occupational Therapy
2016-2017	Member, Community Engagement Committee
2017-2019	Member, Spirit Team
2019	Member, Advising Committee
2018-present	Member, PhD Committee
2018-present	Member, Faculty Search Committee
2019-present	Member, Engagement & Recognition Committee
2020-present	Member, Outstanding Alumni Award Selection Committee
2020-present	Leader, Movement Disorders Division Diversity Equity & Inclusion Workgroup on Community Engagement
2022-present	Chair, Rehabilitation and Participation Science PhD Program Advisory Committee
2023-present	Member, Appointments & Promotions Committee
2024	Application reviewer, MSOT/OTD Admissions

External reviewer for promotion

2023	Yogev-Seligman, Galit; University of Haifa, Department of Occupational
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	Therapy
2024	Fogel, Yael; Ariel University, Department of Occupational Therapy
2024	Boone, Anna; University of Missouri, Department of Occupational Therapy
2025	Hreha, Kimberly; Duke University School of Medicine, Department of Orthopaedic Surgery
2025	Nalder, Emily; University of Toronto, Department of Occupational Science & Occupational Therapy

Licensure and Board Certification

2006-present	National Board Certification for Occupational Therapy, Certification #213518
2006-present	Occupational Therapy licensure for the state of Missouri, License #2006022553

Honors and Awards

2002-2005	Pi Theta Epsilon (Occupational Therapy Honors Society)
2002-2005	Occupational Therapy Merit Scholarship, Washington University School of Medicine
2005	Student Marshall for OTD graduating class (top of class), Washington University School of Medicine
2008	Special Merit Mention for abstract at the 36 th Annual International Neuropsychological Society meeting
2008	Movement Disorders Society 12 th International Congress Travel Grant
2009	Student Marshall for MSCI graduating class, Washington University School of Medicine
2013	American Occupational Therapy Foundation (AOTF) Research Training Fellowship for the Summer Research Institute on Behavioral Interventions at Johns Hopkins University
2020	American Journal of Occupational Therapy Reviewer Award
2021	American Occupational Therapy Association Service Commendation
2024	Dean's Impact Award, Washington University School of Medicine
2025	American Congress of Rehabilitation Medicine Service Commendation
2025	American Occupational Therapy Association Roster of Fellows

Editorial & Review Responsibilities

Editorial board:

2023-2026	Associate Editor, OTJR: Occupation, Participation, and Health
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Guest editor:

2014	Guest Editor, Special Issue on Neurodegenerative disease, American Journal of Occupational Therapy, 68(1)
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Manuscript reviewer:

American Journal of Occupational Therapy
 Journal of the International Neuropsychological Society
 Journal of Cognitive Neuroscience

Occupational Therapy International
 Journal of Neuropsychology
 Cognitive, Affective and Behavioral Neuroscience
 PeerJ
 BMC Neurology
 OTJR: Occupation, Participation, and Health
 Disability and Rehabilitation
 British Journal of Occupational Therapy
 The Clinical Neuropsychologist
 Parkinsonism & Related Disorders
 Neuroscience & Biobehavioral Reviews
 American Journal of Speech-Language Pathology
 Journal of Rehabilitation Medicine
 Neuropsychological Rehabilitation
 Journal of Clinical and Experimental Neuropsychology
 European Journal of Neurology
 Neurorehabilitation and Neural Repair
 Journal of Parkinson's Disease
 Parkinson's Disease
 Journal of Cognitive Enhancement
 Alzheimer's and Dementia

Grant reviewer:

2016-present	Washington University Institute of Clinical and Translational Sciences, KL2 Career Development Awards Program
2016-present	LSVT Global, Student Research Grant Program
2019-present	American Occupational Therapy Foundation, Intervention Research Grant Program
2020	Israel Science Foundation, Personal Research Grants
2020	NIH Nursing and Related Clinical Sciences study section (Early Career Reviewer)
2021	American Occupational Therapy Foundation & Michael J. Fox Foundation, Occupational Therapy in Parkinson's Disease Research Grant Program
2021-2022	Netherlands Organization for Health Research and Development, Allied Health Professions Programme
2021	NIH National Center for Medical Rehabilitation Research Early Career Research Award
2021	MS Research Australia, Project Grants
2024-present	American Parkinson Disease Association Diversity in Parkinson's Disease Research Grant
2024	NIH Small Business: Biobehavioral Processes study section
2025-present	Parkinson's Foundation Paul Oreffice Innovations in Care Award

Abstract reviewer:

2013-present	American Occupational Therapy Association Conference
2025-present	World Parkinson Congress

Other:

2021	American Physical Therapy Association Clinical Practice Guideline for the Physical Therapist Management of Parkinson Disease
2021	American Speech-Language-Hearing Association Clinical Practice Guideline, Cognitive Rehabilitation for the Management of Cognitive Dysfunction Associated with Acquired Brain Injury
2022	WHO Rehabilitation Programme Package of Interventions for Rehabilitation for Parkinson's Disease
2025	Occupational Therapy Summit of Scholars Host

Professional Societies and Organizations

2002-present	Member, American Occupational Therapy Association
2002-present	Member, World Federation of Occupational Therapists
2008-present	Member, Academic Women's Network
2008-present	Member, Movement Disorders Society
2009-present	Member, Association for Clinical and Translational Science
2012-present	Member, American Congress of Rehabilitation Medicine
2019-present	Member, Missouri Occupational Therapy Association

Major Invited Professorships and Lectureships

1. *Functional cognition: Occupational therapy's unique role in supporting everyday performance.* Keynote Address, Occupational Therapy Scholarship Day, Washington University School of Medicine; St. Louis, Missouri; 2024
2. *Functional cognition: Occupational therapy's unique role in supporting everyday performance.* Keynote Address (Virtual), Occupational Therapy Week 2024, Alfred Health Occupational Therapy Department; Melbourne, Victoria, Australia; 2024
3. *Functional cognition in Parkinson disease: Assessment and Intervention.* Occupational Therapy Distinguished Lecture, University of Wisconsin-La Crosse; La-Crosse, Wisconsin; 2025.

Invited Presentations

1. *Effective therapeutic intervention: Utilizing choice, collaboration and meaningful occupation.* Brookhaven long-term care facility; Brookville, OH; 2005.
2. *Providing quality care for residents with dementia.* Brookhaven long-term care facility; Brookville, OH; 2005.
3. *The effect of Parkinson disease on prospective memory.* Movement Disorders Center Research Seminar, Washington University School of Medicine; St. Louis, Missouri; 2008.
4. *Connecting the lab to life: Understanding everyday executive function in Parkinson disease.* Psychiatry Research Rounds, Washington University School of Medicine; St. Louis, Missouri; 2009.
5. *Use it or lose it! How to improve quality of living with Parkinson's disease.* Midwest Parkinson's Disease Congress; St. Louis, Missouri; 2009.
6. *Connecting the lab to everyday life: The relevance of executive dysfunction to activities and participation in Parkinson disease.* University of Pittsburgh; Pittsburgh, Pennsylvania; 2009.

7. *Connecting the lab to life: Understanding everyday executive function in Parkinson disease.* Physical Therapy Faculty Research Seminar, Washington University School of Medicine; St. Louis, Missouri; 2010.
8. *Living with Huntington's Disease: Safety and independence in the home.* Huntington's Disease Family Conference; St. Louis, Missouri; 2010.
9. *Executive dysfunction among individuals with Parkinson disease.* AOTA Specialty Conference on Adult Cognition; St. Louis, Missouri; 2011.
10. *Executive dysfunction among individuals with Parkinson disease.* OccupationalTherapy.com; 2012.
11. *Executive dysfunction among individuals with Parkinson disease.* New York-Presbyterian Hospital Weill Cornell Medical Center; New York, New York; 2014.
12. *Occupational Therapy: Across the Parkinson's disease continuum.* AOTA Specialty Conference: Best Practice in Skilled Nursing Facilities; Dallas, Texas; 2015.
13. *Fundamentals of PD: The journey.* World Parkinson Congress; Portland, Oregon; 2016.
14. *Occupational therapy and PD: How it can improve your daily life.* World Parkinson Congress; Portland, Oregon; 2016.
15. *Cognitive decline in Parkinson disease: Relevance to daily function and rehabilitation.* BJC Home Care Services Rehabilitation Department; St. Louis, Missouri; 2016.
16. *Cognitive decline in Parkinson disease: Relevance to daily function and rehabilitation.* St. Louis American Parkinson Disease Association; St. Louis, Missouri; 2017.
17. *Feasibility of a novel cognitive strategy training intervention for Parkinson disease.* Boston University Pi Theta Epsilon Omicron Chapter and American Occupational Therapy Foundation; 2017.
18. *Goal-setting and action planning to enhance skill acquisition in Parkinson disease.* St. Louis American Parkinson Disease Association; St. Louis, Missouri; 2017.
19. *Living Alone: Home safety and management in Parkinson disease.* Parkinson's Foundation PD Expert Briefing; 2018
20. *Prospective memory impairment in Parkinson disease without dementia: Cognitive mechanisms and intervention.* Occupational Therapy Grand Rounds, Washington University School of Medicine; St. Louis, Missouri; 2018
21. *Prospective memory impairment in Parkinson disease without dementia: Cognitive mechanisms and intervention.* Chang Gung University; Taoyuan City, Taiwan; 2019
22. *Prospective memory strategy training for people with Parkinson disease.* Knight Alzheimer's Disease Research Center, Washington University School of Medicine; St. Louis, Missouri; 2020.
23. *Engaging underrepresented populations in Parkinson disease research.* Center for Community Health Partnership and Research, Washington University School of Medicine; St. Louis, Missouri, 2021.
24. *Prospective memory strategy training for people with Parkinson disease.* Department of Occupational Therapy, University of Haifa; 2021.
25. *Prospective memory strategy training for people with Parkinson disease.* Department of Occupational Therapy, New York University; 2021.
26. *Prospective memory in Parkinson disease.* School of Health and Rehabilitation Sciences, University of Queensland; 2021.

27. *Cognitive strategy interventions for people with Parkinson's disease without dementia*. Interdisciplinary Brain Injury Research Center, Weill Cornell Medical Center; 2021.
28. *How to outsmart Parkinson's disease: Tips and tricks from an occupational therapist with Dr. Erin Foster*. American Parkinson Disease Association; 2021.
29. *Strategies for everyday cognition*. St. Louis American Parkinson Disease Association, Parkinson's Roadmap for Education and Support Services Program; 2021.
30. *Remembering to do things*. Parkinson's Foundation, Managing Mind and Mood Series; 2021.
31. *Staying cognitively engaged*. St. Louis American Parkinson Disease Association, Parkinson's Roadmap for Education and Support Services Program; 2022.
32. *Parkinson disease: What do you know?* Knight Alzheimer's Disease Research Center 3rd Thursdays Series; 2022.
33. *The Multicontext Approach: Application to acute care*. BJC Acute Care Occupational Therapy Department; 2023.
34. *Using Community Engagement Studios to promote engagement of underrepresented groups in Parkinson's Disease research*. APDA Diversity in Parkinson's Disease Research Roundtable; 2023.
35. *Interventions to support functional cognition*. (Co-presentation) AOTF Functional Cognition Meeting; 2023.
36. *Cognitive interventions for everyday function*. APDA Midwest Parkinson Conference; 2024.
37. *Functional cognition in Parkinson disease: Assessment and Intervention*. The Academy at the Shirley Ryan AbilityLab; Chicago, IL; 2024.
38. *Training for transfer*. AOTA Functional Cognition Community of Practice seminar; 2024.
39. *Making the case: Functional cognition as a top priority in occupational therapy education, practice and research*. (Co-presentation) AOTA Academic Leadership Council Annual Meeting; 2024.
40. *Myths and truths about research and a research career*. Institute for Future Scientists in Occupational Therapy; 2025.
41. *Performance-based assessment of functional cognition in Parkinson disease*. University of Missouri Occupational Therapy; 2025.
42. *Cognition and Parkinson's disease: Practical Strategies for Everyday Challenges*. Brian Grant Foundation; 2025.
43. *A collaborative, community-engaged approach to enhancing health equity in Parkinson disease*. St. Louis Integrated Health Network; 2025.
44. *How to write a successful letter of intent for APDA*. American Parkinson Disease Association; 2025.

Consulting Relationships and Board Memberships

2017-2020	Member, Board of Directors, Greater St. Louis Chapter of the American Parkinson Disease Association
2020-present	Executive Committee Member (Chair of the Mission Committee, Secretary), Board of Directors, Greater St. Louis Chapter of the American Parkinson Disease Association

Research Support

(includes total award amount on grants for which I am PI)

Current:

Efficacy and mechanisms of a metacognitive strategy intervention for Parkinson disease-related cognitive decline (PI: Foster)

NIH NIA R01AG094871

09/1/2025 – 08/31/2030

\$3,833,923

This project will determine the short- and long-term efficacy of the Multicontext Approach for addressing functional cognition among people with PD and mild cognitive decline. It will also investigate the effect of booster treatment and mechanisms of action.

Role: Principal Investigator

**Impact score of 20; this mechanism not percentiled*

Prospective Memory Impairment in Parkinson Disease-related Cognitive Decline: Intervention and Mechanisms (PI: Foster)

NIH NIA R01AG065214

09/15/2020 – 05/31/2026

\$2,488,642

The goal of this study is to test a targeted strategy training approach for improving laboratory and real-world prospective memory in people with PD and to understand biological and behavioral mechanisms of prospective memory and treatment response.

Role: Principal Investigator

**3rd percentile score*

Developing community-engaged recruitment strategies to enhance diversity and representation in Parkinson disease research (PIs: Foster & Norris)

Michael J. Fox Foundation for Parkinson's Research

01/01/2025 – 12/31/2026

\$997,971

This project will use a rigorous and systematic community-engaged research approach to develop and track the effectiveness of enhanced recruitment strategies to respectfully engage Black and African American people with PD in research.

Role: Co-Principal Investigator (Lead)

Black and African Americans Connections to Parkinson's Disease (BLAAC PD) (PIs: Norris & Foster)

Michael J. Fox Foundation for Parkinson's Research

01/01/2024 – 12/31/2026

\$349,145

This project will use community engagement strategies to collect data and biosamples from Black and African American volunteers for genetic studies in PD.

Role: Co-Principal Investigator

Investigations of Dementia in Parkinson disease (PI: Perlmutter)

NIH NINDS R01NS075321

05/01/2011 – 08/31/2026

The major goal of this longitudinal study is to develop and validate biomarkers that reflect

specific pathologies underlying dementia in PD and that predict the onset and progression of dementia in PD.

Role: Co-Investigator; Developed cognitive test battery used in this study and oversee related data collection, management, analysis, interpretation and reporting.

Brain Health Across the Metabolic Continuum for Youth at Risk for T2DM (PI: Hershey)
NIH NIDDK R01DK126826

07/01/2021 – 06/30/2026

This project will study youth across the spectrum of obesity and metabolic dysfunction with MRI, cognitive and metabolic tests. This approach will allow us to determine the relationship of key features of T2D risk (e.g. obesity, insulin resistance, insulin deficiency and dysglycemia) to intermediate changes that pose a risk for the brain (e.g. inflammation), leading to reduced brain structure and function associated with T2D in youth.

Role: Co-Investigator; Developed the portion of the testing battery related to functional cognition and collaborate on analysis, interpretation and reporting of related results.

Functional Cognition Assessment: Psychometric Properties

American Occupational Therapy Foundation (PI: Connor)

This project will establish a comprehensive dataset related to adult performance-based functional cognitive assessments.

Role: Co-Investigator (no salary support)

Pending:

Refinement and Feasibility of WISE (Well-being, InSight, and Engagement): An Intervention to Enhance Engagement in Health Lifestyle Activities and Improve Well-being of Older Adults with Subjective Cognitive Decline (PI: Rotenberg)

Canadian Institutes of Health Research

This project will refine, adapt, and test the feasibility of WISE, an intervention that aims to increase participation in healthy lifestyle activities and improve the well-being of older adults with subjective cognitive decline, in a Canadian context.

Role: Co-Investigator

Completed:

Understanding Engagement in Research, Clinical Care and Community Services Among People of Color with Parkinson Disease (PI: Foster)

American Parkinson Disease Association Diversity in Parkinson's Disease Research Grant, Award ID 971949

09/01/2022 – 08/31/2024

\$75,000

This project will use community-engaged research to understand factors that influence engagement in research, clinical care, and community services among people of color with PD in the St. Louis region.

Role: Principal Investigator

Strategy-based Cognitive Intervention for Parkinson Disease: A Pilot Randomized Controlled Trial (PI: Foster)

NIH NIA R21AG063974

08/15/2019 – 04/30/2022

\$571,227

The goal of this study is to test and optimize the feasibility of a novel strategy-based cognitive intervention for people with PD.

Role: Principal Investigator

Early Predictors of Brain Health and Development in Youth with T1DM (PI: Hershey)
NIH NIDDK R01DK064832

05/01/2016 – 04/30/2022

The goal of this study is to determine how clinical features at the time of T1DM diagnosis shape the developmental trajectory of the brain and its responses to subsequent glycemic control.

Role: Co-Investigator; Developed the portion of the testing battery related to functional cognition and collaborate on analysis, interpretation and reporting of related results.

Effects of Improvisational Dance on Cognition and Daily Function among People with Parkinson's Disease (PI: Fleita)

LSVT Global

09/01/2019 – 12/31/2021

\$1,000

The goal of this study is to better understand the effects of the IMPROVment method on cognitive, non-motor, and daily function in people with PD.

Role: Primary mentor of OTD student PI; Provided supervision and guidance on all aspects of study design, proposal writing, study execution, data analysis and interpretation, and dissemination.

A Needs Assessment about Self-Empowerment Intervention for People with Parkinson's Disease Living in St. Louis (PI: Kang)

01/01/2020-12/31/2021

\$1,500

Washington University Gephardt Institute Civic and Community Engagement Fund

The goal of this project is to improve community health by developing and implementing a community-informed self-empowerment intervention for people with PD living in the St. Louis area.

Role: Primary mentor of PhD student PI; Provided supervision and guidance on all aspects of study design, proposal writing, study execution, data analysis and interpretation, and dissemination.

Cognition, Occupational Performance, and Participation in Lupus (PI: Foster)

03/01/2019 – 06/30/2021

\$7,300

WUSM Program in Occupational Therapy Pilot Award, 93176B

The major goals of this project are to understand cognitive dysfunction and its association with occupational performance and participation among people with systemic lupus erythematosus.

Role: Principal Investigator

Training Prospective Memory in Parkinson disease: A Pilot Randomized Controlled Trial (PI: Foster)

WUSM Program in Occupational Therapy Young Investigator Pilot Award, 93176A

10/01/2017 – 09/30/2019

\$165,360

The major goals of this project are to test a targeted strategy training approach for improving laboratory and real-world prospective memory in people with Parkinson disease.

Role: Principal Investigator

Remediating Age-Related Cognitive Decline: Mindfulness-Based Stress Reduction and Exercise (PI: Lenze)

NIH NIA R01AG049369

09/30/2014 – 06/30/2019

The goal of this multi-site randomized clinical trial is to test Mindfulness Based Stress Reduction, exercise, and their combination for their ability to remediate age-related cognitive decline. The study also examines the mechanism of these cognitive benefits, and predictors of change, using structural and functional neuroimaging and other biomarkers.

Role: Co-Investigator; Developed the portion of the testing battery related to functional cognition and participation, provide training and supervision related to its data collection, and collaborate on analysis, interpretation and reporting of related results.

Cognitive Rehabilitation for Everyday Executive Dysfunction in Parkinson Disease (PI: Foster)

NIH NICHD K23HD071059

01/15/2012 – 12/31/2016

\$388,782

This award will enable the candidate to develop a funded research program that translates basic cognitive science into practical and effective cognitive interventions for people with PD.

Role: Principal Investigator

Feasibility and Optimization of a Cognitive Strategy Training Intervention for Parkinson Disease (PI: Foster)

American Occupational Therapy Foundation Intervention Research Grant, IRG13

04/01/2014 – 03/31/2016

\$49,264

The goal of this project is to test and optimize a novel cognitive strategy training intervention for people with Parkinson disease.

Role: Principal Investigator

Developing an Intervention to Improve Everyday Cognitive Function in Parkinson Disease (PI: Foster)

WUSM Program in Occupational Therapy Research Development Funding Program, 93176

06/01/2012 – 05/31/2013

\$19,997

This award is for the initial development and manualization of an intervention to address everyday cognitive dysfunction among individuals with Parkinson disease.

Role: Principal Investigator

Rehabilitation of Everyday Memory Impairment in Parkinson Disease: A Pilot Study (PI: Foster)

Washington University ICTS Pilot and Novel Methodologies Program, CTSA403

06/01/2011 – 05/31/2013

\$73,014

The goal of this project is to determine whether a targeted intervention strategy improves PD participants' prospective memory in the laboratory and in everyday life.

Role: Principal Investigator

Washington University Institute of Clinical and Translational Sciences (PI: Evanoff)

Brain, Behavior and Performance Unit (Director: Perlmutter)

NIH NCRR UL1TR000448

09/17/2007 – 12/31/2013

As a sub-project of the ICTS, the Brain, Behavior and Performance Unit (BBPU) provides a core with specialized infrastructure and expertise in the performance of clinical research studies of the nervous system.

Role: Co-Investigator; Coordinate, collaborate and provide consultation within the Psychometric and Performance-based components of the BBPU.

Relevance of Cognitive Impairment in Parkinson Disease to Function in Daily Life (PI: Foster)

NIH NCRR UL1TR000448, KL2TR000450

10/01/2009 – 01/14/2012

\$166,486

This KL2 Career Development Award provides high-quality, multidisciplinary training in clinical and translational research involving mentored research and didactic coursework. The research project will investigate the relevance of cognitive dysfunction in non-demented PD to everyday function.

Role: Principal Investigator

K30 Clinical Research Career Development Award

NIH NCRR UL1TR000448

08/01/2006 – 05/31/2009

This award supports participation in the Postdoctoral Mentored Training Program in Clinical Investigation (MTPCI) and the coursework and mentored research required for the Master's of Science in Clinical Investigation (MSCI) degree.

Role: Postdoctoral trainee

Prospective Memory in Parkinson's Disease (PI: Hershey)

McDonnell Center for Higher Brain Function

07/01/2006 – 06/30/2007

The goals of this project are to determine the effect of Parkinson's disease on event-based prospective memory tasks of varying cognitive control demands, determine the relevance of lab-measured prospective memory ability to everyday function, and to develop a translational prospective memory assessment battery.

Role: Postdoctoral trainee; Originated the research questions, designed the study, developed the proposal, and executed the study during postdoctoral training.

Patents

Clinical Title and Responsibilities

2006-2009	Clinical specialist; Washington University in St. Louis Program in Occupational Therapy Community and In-Home Services
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2009-present Clinical consultant; Washington University in St. Louis Program in Occupational Therapy Community Practice

Teaching Title and Responsibilities

Research mentoring:

PhD, Primary Mentor & Dissertation Committee Chair

Current Kehrer-Dunlap, Abby; Washington University School of Medicine, Rehabilitation and Participation Science

2018-2024 Kim, Moon Young; *Conceptualization, Measurement, and Contributors to Participation Among People Living with Parkinson's Disease*; Washington University School of Medicine, Rehabilitation and Participation Science

2018-2022 Kang, Eunyoung; *Development, Evaluation and Refinement of Goal Setting and Goal Management for Adults with Chronic Conditions: Intervention and Implementation Strategies*; Washington University School of Medicine, Rehabilitation and Participation Science

PhD, Research Advisory Committee member

2019-2023 Lee, Yejin; *Self-Regulation Processes of Depressive Symptoms and Participation in Persons with Stroke Using Heart Rate Variability as a Real-Time Biomarker*; Washington University School of Medicine, Rehabilitation and Participation Science

2022-2025 Randolph, Samantha; *Toward an Understanding of Loneliness and Social Participation in Serious Mental Illness*; Washington University School of Medicine, Rehabilitation and Participation Science

2024-present Lee, Sanjin; *Motivation and Habit Integration in Stroke Rehabilitation: Pathways to Improved Daily Physical Activity*; Washington University School of Medicine, Rehabilitation and Participation Science

PhD, Dissertation Committee member

2020 Anderson, Francis; Washington University in St. Louis, Psychological & Brain Sciences

2021 Lee, Chang Dae; NYU Steinhardt School of Culture, Education, and Human Development, Occupational Therapy

2023 Lee, Yejin; Washington University School of Medicine, Rehabilitation and Participation Science

2023 Walsh, Ryan; Washington University School of Medicine, Rehabilitation and Participation Science

2023 Scarff, Shannon; University of Queensland, School of Health and Rehabilitation Sciences

2024 Keleman, Audrey; Washington University School of Medicine, Rehabilitation and Participation Science

2024 Davies, Sarah; University of Queensland, School of Health and Rehabilitation Sciences

2025 Randolph, Samantha; Washington University School of Medicine, Rehabilitation and Participation Science

2025 Allison Haussler; Washington University School of Medicine, Movement

- 2026 Science
(in progress) Noa Cohen; University of Haifa, Department of Occupational Therapy
- Occupational Therapy Doctoral Students (Primary Mentor)**
- 2012 Golden, Laura; The Effect of Argentine Tango on Executive Function and Participation in Individuals with Parkinson's Disease
**published manuscript*
Nguyen, Chau; Measuring Disease Severity, Quality of Life, and Psychiatric Issues in Wolfram Syndrome
**published manuscript*
- 2014 Schmerber, Sarah; Self-reported, Informant-reported and Performance-based IADL Function in Parkinson's Disease
Moradi, Farah; The Effects of Cognitive Impairment on Social Participation in Parkinson's Disease
- 2015 Greene, Tess; Effects of the Chronic Disease Self-Management Program for adults with Parkinson's Disease
- 2016 Pappa, Katie; Social support and self-management in Parkinson's disease
**published manuscript*
- 2017 Bumpus, Emily; Understanding Activity Participation among Individuals with Wolfram Syndrome
**published manuscript*
Dumas, Kristan; Assessing cognitive reserve in Parkinson disease
Kwalwaser, Alison; Use of the Complex Task Performance Assessment (CTPA) as a Performance-Based Measure of Executive Function in Parkinson's Disease
**published manuscript*
- 2019 Nguyen, Tiffany; Reliability of prospective memory measures among individuals with Parkinson's disease
**published abstract*
Kyler, Darby; Using the Observed Tasks of Daily Living-Revised assessment as a measure of functional cognition in older adults
- 2020 Fleita, Maggie; Effects of improvisational dance on cognition and daily function among people with Parkinson disease
**published abstract; project awarded an LSVT Global Student Research grant*
Kalishman, Sarah; Effects of cognitive stimulation therapy for individuals with Parkinson's disease and mild cognitive impairment
**published abstract*
Jethani, Pooja; Cognitive self-efficacy in Parkinson's disease
**published manuscript & abstract; poster received the Neurodegenerative Disease Early Career Poster Award at the 2020 ACRM conference*
- 2021 Banovetz, Kate; Parkinson's disease and individualized Cognitive Stimulation therapy
Carter, Breanna; Effects of improvisational dance on motor symptoms and

- social participation among people with Parkinson's disease
 Curry, Lindsay; Experiences of people with Parkinson's disease participating in a virtual improvisational dance intervention.
 Fishbein, Monica; Felt stigma and communication in individuals with Parkinson's disease-related cognitive impairment
 Hudson, Juliana; Perceived effects of the COVID-19 pandemic on health empowerment among people with Parkinson disease
 Schlesinger, Anneliese; Investigating the functional connectivity of cognitive brain networks and its relation to daily cognitive function in Parkinson disease
**published abstract*
- 2022 Ali, Zainab; Inclusion of mindfulness meditation in Cognitive Stimulation Therapy for people with Parkinson's disease dementia
 Chen, Julie; The effect of improvisational dance on fatigue and activity participation among individuals with Parkinson's disease
 Tan, Alexandria; The effects of IMPROVment on non-motor symptoms and participation in individuals with Parkinson's disease
- 2023 Daniel, Jessica; Credibility and expectancy in a novel approach to treating cognitive decline in Parkinson's disease
**published abstract*
 Kubica, Emily; Acceptance and enactment of the Multicontext Approach to cognitive rehabilitation among people with Parkinson's disease
**published abstract*
- 2024 Settle, Sydney; Effect of the Multicontext Approach on awareness and strategy use in Parkinson's disease.
 Skinner, Grace; The preliminary effect of implementation intentions for prospective memory in Parkinson's disease.
**published abstract*
 Sunderlage, Alexis; Effect of the Multicontext Approach on cognitive self-efficacy in people with Parkinson's disease.
- 2025 DeSantis, Jenny; Neural correlates of prospective memory in Parkinson's disease: An exploratory neuroimaging investigation.
 Roseberry, Emma; Exploring the impact of the Multicontext Approach on functional cognition in Parkinson's disease: A quasi-randomized controlled design.
 Madison Williams (Capstone); Group Cognitive Stimulation Therapy for people with Parkinson's disease dementia.
- Occupational Therapy Master's Students (Primary Mentor)**
- 2009 Cunnane, Katherine; Cognitive Impairment and Depression in Congestive Heart Failure
**published manuscript; project was awarded the Occupational Therapy Research Excellence Award, May 2009*
 Frerking, Lacy; Relationship between Activity Participation and Quality of Life in Parkinson Disease
- 2010 Ratchick, Christina; Prospective Memory in Parkinson Disease

- Watkins, Jessica; Assessing Instrumental Activities of Daily Living Performance in Parkinson Disease
**project was awarded the Occupational Therapy Research Excellence Award, May 2010*
- 2011 Park, Eunhae; Fatigue in Parkinson's Disease and Its Association with Activities, Participation, and Quality of Life
- 2012 Gornish, Sabrina; The Effect of Heart Transplantation on Participation
 Foster, Keisha; Gender and Social Participation among Individuals with Parkinson's Disease
 Hammer, Allison; Awareness of Everyday Memory Function in Parkinson Disease
 Hutson, Katherine; Ecological Validity of the Virtual Week for Assessing Prospective Memory in People with Parkinson's Disease
**project was awarded the Occupational Therapy Research Excellence Award, May 2010*
- 2013 Faith, Jennifer; Memory Compensation in Parkinson's Disease
 Green, Stephanie; Description and predictors of daily function in Huntington's disease
 Lucero, Carolyn; Education Moderates the Relationship of Neuropathology and Clinical Expression of Dementia in Individuals with Parkinson's Disease
**published manuscript; project was awarded the Occupational Therapy Research Excellence Award, May 2013*
 Paluska, Kara; Awareness of Prospective Memory Abilities in People with Parkinson's Disease
- 2014 Hendred, Sarah; Validation of the World Health Organization Quality of Life assessment short version (WHOQOL-BREF) in individuals with mild to moderate Parkinson disease
**published manuscript*
 Morton, Linda; Perceived Cognitive Issues of Individuals with Parkinson's Disease and their Impact on Daily Functioning
 Rose, Megan; REM Sleep Behavior Disorder in People with Parkinson's Disease
 Shalvey, Aoife; Relationships among symptom severity and quality of life in Wolfram Syndrome
- 2015 Fremder, Cassandra; Gender differences in disease experience among individuals with Parkinson disease
 Goedecken, Susan; Effect modifiers of prospective memory strategy training in Parkinson's disease
**published manuscript*
 Orlins, Alyssa; The relationship of depression, apathy and anxiety with everyday cognitive deficits in individuals with Parkinson disease
 Potempa, Cathryne; The effect of implementation intentions on everyday prospective memory in Parkinson disease
**published manuscript*
 Scarpa, Alison; Parkinson disease motor subtypes: Effects on activities of

- daily living and quality of life.
 Waugh, Courtney; A qualitative evaluation of the Chronic Disease Self-Management Program for adults with Parkinson disease
- 2016 Chu, Michelle; Cognitive rehabilitation for Parkinson's disease: Systematic review and meta-analysis
 Porritt, Ryan; Effects of the Chronic Disease Self-Management Program for adults with Parkinson's Disease
 Risso, Sarah; The effect of the Tremble Clefs for people with Parkinson disease
**published in the American Parkinson Disease Greater St. Louis Chapter newsletter, November 2016*
 Rutherford, Sara; Washington University Occupational Therapy services for people with Huntington's disease
 Spence, Daniel; Feasibility and goal exploration of a cognitive strategy training intervention for Parkinson disease
**published manuscript*
- 2017 Neely, Brittany; Developing an Occupational Therapy Assessment Battery for Huntington's Disease in the Movement Disorders Clinic
 Penaflor, Sarah Athena Marrem; Perceptions of a Cognitive Strategy Training Intervention in Individuals with Parkinson's Disease
 Schettino, Kelsey; Prospective Memory impairment in older adults with Human immunodeficiency virus (HIV) using the Virtual Week: A feasibility study
 Williams, Karie; A standardized and comprehensive occupational therapy clinical evaluation for clients with Parkinson's disease
 Zorrilla, Nathalie; Action plans and their associations with self-management outcomes in Parkinson's disease
**published abstract; project was awarded the Occupational Therapy Research Excellence Award, May 2017*
- 2018 Black, Katherine; Self-Management program preferences of individuals with Parkinson's disease and their caregivers
 Broadway, Amy; Preliminary analysis of the effects of exercise on prospective memory in older adults with HIV
 Holck, Blair; Self-reported daily life prospective memory errors in people with Parkinson disease
**published abstract*
- 2019 Taylor, Elinor; Effects of multiple intentions, task switching, and encoding strategies during intention formation on prospective memory performance in Parkinson's disease.
**published abstract; project was awarded the Occupational Therapy Research Excellence Award, May 2019*
- 2020 Cutler, Molly; The effect of improvisational dance on non-motor symptoms among people with Parkinson disease
 Pinpin, Yves Carlo; Prospective memory in older adults with HIV
**published abstract*

- 2021 Storey, Katelyn; Cognitive Stimulation Therapy for people with Parkinson's disease dementia
**published abstract; project was awarded the Occupational Therapy Research Excellence Award, May 2021*
- 2022 Kim, YeaJi; Effects of Cognitive Stimulation Therapy on social functioning in individuals with Parkinson disease dementia

Undergraduate Students (Primary Mentor)

- 2018 Howard, Molly; Summer Research Program in Aging & Neurological Diseases, Harvey A. Friedman Center for Aging, Washington University
- 2021 Kikkawa, Kyla; Beyond Boundaries Program, Washington University
- 2021 Friz, Danielle; Summer Research Program in Aging & Neurological Diseases, Harvey A. Friedman Center for Aging, Washington University
**published manuscript*
- 2022-2023 Noelle Casem; Mind Brain Behavior Program, Washington University
**published manuscript*
- 2023 Mills, Lauren; Advanced Summer Program for Investigation and Research Education (ASPIRE); Institute of Clinical and Translational Sciences, Washington University
- 2023 Salman, Dania; Summer Research Program in Aging & Neurological Diseases, Harvey A. Friedman Center for Aging, Washington University
- 2024 Smith, Tyra; Summer Research Program in Aging & Neurological Diseases, Harvey A. Friedman Center for Aging, Washington University

Courses taught:

- 2004-2005 Teaching assistant, Neuroscience and Application of Neuroscience Principles to Occupational Therapy
- 2006-2007 Lecturer, Occupational Therapy Practice Seminar, Fall semester: Intrinsic and Occupational Factors
- 2007 Lecturer, Occupational Therapy Practice Seminar, Spring semester: Linking the ICF and Occupational Performance Model Building
- 2008 Course faculty, Evaluation: The Tools and Process for Measuring Occupational Performance
- 2009 Course faculty, Neuroscience and Application of Neuroscience Principles to Occupational Therapy
- 2008-2012 Course master, Foundations for Neuro-Rehabilitation Practice
- 2010-2012 Course faculty, Research in Occupational Therapy: Preparing for Evidence-based Practice
- 2013-2015 Co-course master, Neuroscience Principles of Performance I and II
- 2008-2021 Course master, Applied Clinical Research
- 2008-2021 Course master, Directed Research
- 2015-2018 Course faculty, Seminar in Proposal Development and Applied Clinical Research
- 2018-present Course master, RAPS PhD Research Seminar
- 2020-present Course master, OTD Mentored Scholarship

Bibliography**Notation key:**

*Senior author

^Trainee publication or presentation (trainee name underlined)

+Cited over 30 times (Google Scholar, accessed 09/16/25)

Peer reviewed manuscripts:

1. +**Foster ER**, Black KJ, Antenor JV, Perlmutter JS, Hershey T. Motor asymmetry and substantia nigra volume are related to spatial delayed response performance in Parkinson disease. *Brain and Cognition*. 2008;67:1-10. doi: 10.1016/j.bandc.2007.10.002. PMC2993690.
2. +**Foster ER**, McDaniel MA, Repovš G, Hershey T. Prospective memory in Parkinson disease across laboratory and self-reported everyday performance. *Neuropsychology*. 2009;23(3):347-58. doi: 10.1037/a0014692. PMC2839410.
**Cited 102 times as per Google Scholar, 09/16/25*
3. +**Foster ER**, Campbell MC, Burack MA, Hartlein J, Flores HP, Cairns NJ, Hershey T, Perlmutter JS. Amyloid imaging of Lewy body-associated disorders. *Movement Disorders*. 2010;25(15):2516-23. doi: 10.1002/mds.23393. PMC2978796.
**Cited 166 times as per Google Scholar, 09/16/25*
4. +**Foster ER**, Hershey T. Everyday executive function is associated with activity participation in Parkinson disease without dementia. *OTJR: Occupation, Participation and Health*. 2011;31(1):16-22. doi: 10.3928/15394492-20101108-04. PMC3171949.
5. ^+**Foster ER**, Cunnane KB, Edwards DF, Morrison MT, Ewald GA, Geltman EM, Zazulia AR. Executive dysfunction and depressive symptoms are associated with reduced participation for individuals with severe congestive heart failure. *American Journal of Occupational Therapy*. 2011;65(3):306-313. doi: 10.5014/ajot.2011.000588. PMC3155250.
6. ^Nguyen C, **Foster ER**, Paciorkowski AR, Viehoveer A, Considine C, Bondurant A, Marshall, BA, Hershey, T. Reliability and validity of the Wolfram Unified Rating Scale (WURS). *Orphanet Journal of Rare Diseases*. 2012;7(1):89. doi: 10.1186/1750-1172-7-89. PMC3552944.
7. ^+**Foster ER**, Golden L, Duncan RP, Earhart GM. A community-based Argentine tango dance program is associated with increased activity participation among individuals with Parkinson disease. *Archives of Physical Medicine and Rehabilitation*. 2013;94(2):240-249. doi: 10.1016/j.apmr.2012.07.028. PMC3557593.
**One of five most highly cited papers from journal in 2014-2015*
**Cited 300 times as per Google Scholar, 09/16/25*
8. +**Foster ER**, Rose NS, McDaniel MA, Rendell PG. Prospective memory in Parkinson disease during a Virtual Week: Effects of both prospective and retrospective demands. *Neuropsychology*. 2013;27(2):170-181. doi: 10.1037/a0031946. PMC3869995.
9. +**Foster ER**, Bedekar, M, Tickle-Degnen, L. Systematic review of the effectiveness of occupational therapy-related interventions for persons with Parkinson's disease. *American Journal of Occupational Therapy*. 2014;68(1):39-49. doi: 10.5014/ajot.2014.008706. PMC4413458.
**One of top cited papers from journal in 2014*
**Cited 169 times as per Google Scholar, 09/16/25*

10. +**Foster ER**. Instrumental activities of daily living performance among individuals with Parkinson disease without dementia. *American Journal of Occupational Therapy*. 2014;68(3):353-62. doi: 10.5014/ajot.2014.010330. PMC4011459.
11. *^+**Lucero C**, Campbell MC, Flores H, Maiti B, Perlmutter JS, **Foster ER**. Cognitive reserve and β -amyloid pathology in Parkinson disease. *Parkinsonism & Related Disorders*. 2015;21(8):899-904. doi: 10.1016/j.parkreldis.2015.05.020. PMC4509801.
12. Babulal GM, **Foster ER**, Wolf TJ. Facilitating transfer of skills and strategies in occupational therapy practice: Practical application of transfer principles. *Asian Journal of Occupational Therapy*. 2016;11:19-25. doi: 10.11596/asiajot.11.19. PMC5501300.
13. *^**Hendred SK**, **Foster ER**. Use of the World Health Organization Quality of Life assessment short version (WHOQOL-BREF) in mild to moderate Parkinson's disease. *Archives of Physical Medicine and Rehabilitation*. 2016;97(12):2123-2129. doi: 10.1016/j.apmr.2016.05.020. PMC5124385.
14. +**Foster ER**, McDaniel MA, Rendell PG. Improving prospective memory in persons with Parkinson disease: A randomized controlled trial. *Neurorehabilitation & Neural Repair*. 2017;31(5):451-461. doi: 10.1177/1545968317690832. PMC5393947.
15. *^+**Pappa K**, Doty T, Taff SD, Kniepmann K, **Foster ER**. Self-management program participation and social support in Parkinson's disease: Mixed methods evaluation. *Physical & Occupational Therapy in Geriatrics*. 2017;35(2):81-98. doi: 10.1080/02703181.2017.1288673. PMC5711466.
16. Doty T, **Foster ER**, Marshall B, Ranck S, Hershey T. The effects of disease-related symptoms on daily function in Wolfram Syndrome. *Translational Science of Rare Disease*. 2017;2(1-2):89-100. doi: 10.3233/TRD-170012. PMC5677191.
17. ^+**Foster ER**, **Spence D**, Togliola J. Feasibility of a cognitive strategy training intervention for people with Parkinson disease. *Disability and Rehabilitation*. 2018;40(10):1127-1134. doi: 10.1080/09638288.2017.1288275. PMC5568990.
18. *^**Goedeken S**, **Potempa C**, Prager EM, **Foster ER**. Encoding strategy training and self-reported everyday prospective memory in people with Parkinson disease: A randomized controlled trial. *The Clinical Neuropsychologist*. 2018;32(7):1282-1302. doi: 10.1080/13854046.2017.1387287. PMC6129222.
19. *^**Bumpus E**, Hershey T, Doty T, Ranck S, Gronski M, Urano F, **Foster ER**. Understanding activity participation among individuals with Wolfram Syndrome. *British Journal of Occupational Therapy*. 2018;81(6):348-357. doi: 10.1177/0308022618757182. PMC5983031.
20. *^**Davis A**, Wolf TJ, **Foster ER**. The Complex Task Performance Assessment and functional cognition in Parkinson disease. *American Journal of Occupational Therapy*. 2019;73(5):7305205060. doi: 10.5014/ajot.2019.031492. PMC6813512.
21. +Pan SC, Cooke J, Little J, McDaniel MA, **Foster ER**, Connor LT, Rickard TC. Online and clicker quizzing on jargon terms enhances definition-focused but not conceptually-focused biology exam performance. *CBE—Life Sciences Education*. 2019;18(4):1-12. doi: 10.1187/cbe.18-12-0248. PMC6818465.
22. Wetherell J, Ripperger H, Voegtle M, Ances B, Balota D, Bower E, Depp C, Eyler L, **Foster E**, Head D, Hershey T, Hickman S, Kamantigue N, Klein S, Miller PJ, Yingling M, Nichols J, Nicol G, Patterson, B, Rodebaugh, T, Shimony, J, Snyder, A, Stephens, M, Tate, S, Urich, M, Wing, D, Wu, G, Lenze, E. Mindfulness, Education, and Exercise for Age-Related Cognitive Decline (MEDEX): Study Protocol, Pilot Study Results, and Description

- of the Baseline Sample. *Clinical Trials: Journal of the Society for Clinical Trials*. 2020;17(5):581-594. doi: 10.1177/1740774520931864. PMC7529857.
23. +Campbell MC, Myers PS, Weigand AJ, **Foster ER**, Cairns NJ, Jackson JJ, Lessov-Schlaggar CN, Perlmutter JS. Parkinson disease clinical subtypes: Key features and clinical milestones. *Annals of Clinical and Translational Neurology*. 2020;7(8):1272-1283. doi: 10.1002/acn3.51102. PMC7448190.
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 25. *^Kim MY, Sen D, Drummond RR, Brandenburg MC, Biesanz KLP, Kim AHJ, Eisen SA, Baum CM, **Foster ER**. Cognitive dysfunction among people with systemic lupus erythematosus is associated with reduced participation in daily life. *Lupus*. 2021;30(7):1100-1107. doi: 10.1177/09612033211006187. PMC8868519.
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 28. ***Foster ER**, Doty T. Cognitive correlates of instrumental activities of daily living performance in Parkinson disease without dementia. *Archives of Rehabilitation Research and Clinical Translation*. 2021;3(3):100138. doi: 10.1016/j.arct.2021.100138. PMC8463453.
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 32. Myers PS, O'Donnell JL, Jackson JJ, Lessov-Schlaggar CN, Miller RL, **Foster ER**, Cruchaga C, Benitez BA, Kotzbauer PT, Perlmutter JS, Campbell MC. Proteinopathy and longitudinal cognitive decline in Parkinson disease. *Neurology*. 2022;99:e66-e76. doi: 10.1212/WNL.0000000000200344. PMC9259093.
 33. *+Wood J, Henderson W, **Foster ER**. Occupational Therapy Practice Guidelines for People with Parkinson's Disease. *American Journal of Occupational Therapy*. 2022; 76(3):7603397010. doi: 10.5014/ajot.2022.763001. PMID: 35648119.
 34. *^Kang E, **Foster ER**. Use of implementation mapping with community-based participatory research: Development of implementation strategies of a new goal setting and goal management intervention system. *Frontiers in Public Health, section Public Health*

- Education and Promotion. Published online May 10, 2022. doi: 10.3389/fpubh.2022.834473. PMC9127132.
35. ^**Foster ER**, Carson L, Jonas J, Kang E, Doty T, Toglia J. The Weekly Calendar Planning Activity to assess functional cognition in Parkinson disease. *OTJR: Occupation, Participation and Health*. 2022;42(4):315-323. doi: 10.1177/15394492221104075. PMC9463112.
 36. *Kang E, Friz D, Lipsey K, **Foster ER**. Empowerment in people with Parkinson's disease: A scoping review and qualitative interview study. *Patient Education and Counseling*. 2022;105(10):3123-3133. doi: 10.1016/j.pec.2022.06.003. PMID: 35753829.
 37. +Lenze EJ, Voegtle M, Miller JP, Ances BM, Balota DA, Barch D, Depp CA, Diniz BS, Eyler LT, **Foster ER**, Gettinger TR, Head D, Hershey T, Klein S, Nichols JF, Nicol GE, Nishino T, Patterson BW, Rodebaugh TL, Schweiger J, Shimony JS, Sinacore DR, Snyder AZ, Tate S, Twamley EW, Wing D, Wu GF, Yang L, Yingling MD, Wetherell JL. Effects of Mindfulness Training and Exercise on Cognitive Function in Older Adults: A Randomized Clinical Trial. *JAMA*. 2022;328(22):2218-2229. doi:10.1001/jama.2022.21680. PMC9856438.
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 39. *Lee CD, **Foster ER**. Subjective memory complaints predict decline in memory, instrumental activities of daily living, and social participation in older adults: a fixed-effects model. *American Journal of Occupational Therapy*. 2023;77(4): 7704205100. doi.org/10.5014/ajot.2023.050151. PMC10494969.
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 41. *Kang E, Chen J, **Foster ER**. Feasibility, engagement, and person-centeredness of telehealth goal setting and goal management intervention. *OTJR: Occupation, Participation and Health*. 2023;43(3):408-416. doi: 10.1177/15394492231172930. PMID: 37269104.
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- OTJR: Occupational Therapy Journal of Research. 2023;43(3):583-591. doi: 10.1177/15394492231180833. PMID: 37354021.
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 47. *[^]Kim MY, Jethani P, Kang E, Lipsey KL, **Foster ER**. Conceptualization, measurement, and factors associated with participation in Parkinson's disease: A systematic review and qualitative analysis. Archives of Physical Medicine and Rehabilitation. 2024;105(6):1181-1193.e10. doi: 10.1016/j.apmr.2023.10.009.
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61. Akcimen F, Paquette K, Crea PW, et al. Large-scale genetic characterization of Parkinson's disease in the African and African admixed populations. *Brain*. In press. Published online October 8, 2025. doi: 10.1093/brain/awaf379.
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64. ^{*}*Best K, Casem N, Doty T, Toglia J, Foster ER. Strategy use in people with Parkinson's disease during the Weekly Calendar Planning Activity. American Journal of Occupational Therapy. Revision under review.*
65. ^{*}*Storey K, Williams M, Kalishman S, Doty T, Foster ER. Group Cognitive Stimulation Therapy for people with Parkinson's disease dementia. Aging & Mental Health. Submitted.*
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1. Foley KT, Corcoran MA, **Foster ER**, Savre JM, Morrison MT. Neurorehabilitation of the client with primary degenerative dementia: Introduction to dementia. In Corcoran MA, editor. *Neurorehabilitation Self-Paced Clinical Course Series*. Bethesda, MD: American Occupational Therapy Association; 2006.
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