

Meghan Doherty, OTD, OTR/L
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EDUCATION

- 2016 Doctorate of Occupational Therapy
 Washington University
 St. Louis, MO
- 2008 Masters of Science in Occupational Therapy
 Washington University
 St. Louis, MO
- 2006 Bachelor of Science in Health Science
 Truman State University
 Kirksville, MO

LICENSURE AND CERTIFICATION

- 2013 Chronic Disease Self-Management Program Certified Leader
- 2013 CO-OP Certified Therapist
- 2012 State of Missouri License
 #2012002389
- 2009 National Board for the Certification of Occupational Therapists (OTR)
 #246890

PROFESSIONAL EXPERIENCE AND ACADEMIC APPOINTMENTS

- 2018-present Assistant Professor, Department of Occupational Science/Therapy
 Doisy College of Health Sciences
 Saint Louis University
 St. Louis, MO
- 2018-2019 Occupational Therapist
 ALS interdisciplinary neurology clinic
 SSM-Health SLUCare
 St. Louis, MO
- 2015-2018 Occupational Therapist
 Program in Occupational Therapy Community Practice
 Neuro, oncology, pediatrics, tic disorders
 Washington University
 St. Louis, MO
- 2012-2018 Occupational Therapist
 Professional Rehabilitation Clinician Level II
 Therapy Services
 St Louis Children's Hospital
 St. Louis, MO

- 2012-2015 Research Patient Coordinator
Study Therapist
Program in Occupational Therapy
Washington University
St. Louis, MO
- 2012-2015 Occupational Therapist
SSM-Select Rehabilitation Hospital
St. Louis, MO
- 2009-2012 Occupational Therapist
Inpatient Stroke & Pediatric Rehabilitation Programs
Shirley Ryan Ability Lab, formerly known as The Rehabilitation Institute of Chicago,
Chicago, Illinois

GRANTS

Governmental

- 2013-2015 Research Coordinator
Development of a performance-based measure of
executive function: The Complex Task Performance Assessment (CTPA),
funded by the Boston Rehabilitation Outcomes Center, Medical
Rehabilitation Infrastructure Network, National Institutes of Health (NIH)
(NCMRR/NICHHD) (R24-HD065688-04) (Timothy J. Wolf, OTD, MSCI, Principal
Investigator)
Total Award Amount: \$59,527
- 2012-2016 Research Coordinator/Occupational Therapist, Clinical Efficacy of Self-Management
Intervention Post-Mild Stroke, funded by National Institutes of Health (NIH)
(NCMRR/NICHHD) (1K23HD07190-01) (Timothy J. Wolf, OTD, MSCI, Principal
Investigator)
Total Award Amount: \$389,107
- 2012-2013 Research Coordinator, Exploring the Efficacy of a New Intervention
Paradigm: A Phase II Randomized Trial of Cognitive Strategy Training in
Subacute Stroke, funded by Canadian Institutes of Health Research
(CIHR) (FRN111200) (Sara McEwen, PT, PhD and Timothy J. Wolf, OTD, MSCI Co-
Principal Investigators)
Total Award Amount: \$154,165
- 2012-2013 Research Coordinator, Rehabilitation Research and Training Center on Stroke
Rehabilitation: Project R3: Evaluating a Self Management Intervention to Community
Living, Participation and Employment after a Stroke, funded by National Institute on
Disability and Rehabilitation Research (NIDRR), (H133B80031) (Elliott Roth, MD,
Principal Investigator)
Total Award Amount: \$850,000
- 2012-2014 Research Coordinator/Occupational Therapist, The Cognitive Oriented Strategy
Augmented Rehabilitation (COSTAR) Treatment Approach, funded by National Institutes
of Health (NIH) (NCMRR/NICHHD) (Timothy J. Wolf, OTD, MSCI, Principal Investigator)
(1R03HD069626-01A1)
Total Award Amount: \$152,000

Non-governmental

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- 2021- Co-Investigator
Equity-proofing Curriculum Design and Implementation in the Health Sciences
Saint Louis University Paul C. Reinert, S.J. Center for Transformative Teaching and Learning Reinert Center Inclusive Practice Grant
- 2016-2017 Principal Investigator
Validation of the Weekly Calendar Planning Activity: A performance-based test of executive function with teenagers with acquired brain injury. Washington University in St. Louis Program in Occupational Therapy
- 2016-2017 Principal Investigator, Strategy Training for Cancer Related Cognitive Impairment: An Occupation-Based Survivorship Database Washington University in St. Louis, Program in Occupational Therapy
- 2016-2017 Principal Investigator, WUOT Student-Run Free Clinic Patient Outcomes, Washington University in St. Louis, Program in Occupational Therapy
- 2013 Research Coordinator/Occupational Therapist
The effect of metacognitive strategy training (MCST) on chemotherapy-induced cognitive impairment (CICI), funded by the McDonnell Center for Systems Neuroscience, Washington University Institute of Clinical and Translational Sciences grant UL1 TR000448 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), Mallinckrodt Institute of Radiology at the Washington University School of Medicine (Timothy J. Wolf, OTD, MSCI, Principal Investigator)
Total Award Amount: \$35,000
- 2011 Occupational Therapist/Rater, The development of an Alternate Form of the Executive Function Performance Test, Rehabilitation Institute of Chicago Buchanan Fellowship Grant (Bridget Hahn, MOT, OTR/L, Grant Recipient)

PROFESSIONAL ORGANIZATION / HONOR SOCIETY MEMBERSHIPS

- 2016-present Missouri Occupational Therapy Association
- 2006-present American Occupational Therapy Association
- 2018-2019 Society for the Study of Occupation: USA

PROFESSIONAL SERVICE

Peer Reviewer

American Journal of Occupational Therapy

Topics in Stroke Rehabilitation

Occupational Therapy International

Occupational Therapy Journal of Research

ENTREPRENEURIAL/CLINICAL SERVICE

2016-2017 Outcome Measures Committee (St. Louis Children's Hospital)
2010-2012 Occupational Therapy Brown Bag Meeting Facilitator (Rehabilitation Institute of Chicago)
2010-2012 Infection Control Allied Health Champion (Rehabilitation Institute of Chicago)
2010-2011 Joint Commission Accreditation Ongoing Readiness Champion (Rehabilitation Institute of Chicago)
2009-2012 Outcome Measures Specialist, BRAIN Project (Rehabilitation Institute of Chicago)

UNIVERSITY SERVICE

University

2015- 2018 Instructor/supervisor
Washington University in St. Louis Student-Run stroke clinic
2019-2020 Faculty advisor – SLU AMWA Pre-med Club
2021 SLU Presidential Scholarship Reviewer

College

2019-2021 Doisy College Faculty Council, OT Member At-Large

Department

2021- Pi Theta Epsilon Faculty Advisor
2018-2020 Awards Committee
2018-2019 Progressions Committee

COMMUNITY SERVICE

Local

2020-2021 Board member, Tower Grove East Neighborhood Association
2021- Co-Leader, Tower Grove East Community Garden
2020 Board member, St. Louis Association of Community Organizations

HONORS AND AWARDS

2020 Honorary Faculty Member, Alpha Sigma Nu
2008 Washington University in St. Louis Program Honors
2007 Pi Theta Epsilon Honor Society
2004 Omicron Delta Kappa Honor and Leadership Society

PUBLICATIONS

Peer-Reviewed Publications

- 2021 Zlotnik, S., Doherty, M., Fisher, Tal-Saban, M. (2021). A Culturally Sensitive Translation of the Weekly Calendar Planning Activity (WCPA) – Adolescent’s version. *The Israeli Journal of Occupational Therapy* 30(1)
- 2020 Gronski, M., & Doherty, M. (2020). Interventions within the scope of occupational therapy practice to improve activities of daily living, rest, and sleep for children ages 0–5 years and their families: A systematic review. *American Journal of Occupational Therapy*, 74(2), 7402180010p1-7402180010p33.
- 2020 Doherty, M, Dyer, M, Wilson, E, & Russell-Thomas, D. Rehabilitation Outcomes from an Occupational Therapy Student-Run Free Clinic for Individuals with Acquired Brain Injury. *Journal of Allied Health*. 49 (1), 60-66.
- 2019 Laatsch,L., Brown, T., Ciccio, A., Conner, F., Davis, K., Doherty, M., Linden, M., Locascio, L., Lundine, J., Murphy, S., Nagele, D., Neimeier, J., Politis, A., Rode, C., Slomine, B., Smetana, R., Yaeger, L. An Evidence-Based Systematic Review of Cognitive Rehabilitation, Emotional, and Family Treatment Studies for Children with Acquired Brain Injury. *Neuropsychological rehabilitation*, 30(1), 130-161.
- 2019 Wolf, T.J., Doherty, M., Boone, A., Rios, J., Polatajko, H., Baum, M., McEwan, S. Cognitive Oriented Strategy Training Augmented Rehabilitation (COSTAR) for ischemic stroke: A pilot exploratory randomized controlled study. *Disability and rehabilitation*, 1-10.
- 2019 Doherty, M, Wiseman, C. Development of a Training Program to Increase Student Clinician Competency when Communicating with People with Aphasia. *Journal of Occupational Therapy Education*, 3(2), 4. Available at: <https://doi.org/10.26681/jote.2019.030204>.
- 2018 Dodd, J, Murphy, S, Doherty, M. Construct Validity for the Verbal Associated Pairs Screen. *Child Neuropsychology*. Available at: [10.1080/09297049.2018.1531983](https://doi.org/10.1080/09297049.2018.1531983).
- 2017 Saa, J. P., Doherty, M., Young, A., Spiers, M., Leary, E., & Wolf, T. J. Development and Alternate Form Reliability of the Complex Task Performance Assessment (CTPA) for People With Mild Stroke. *American Journal of Occupational Therapy*, 71(3). Available at: 7103190030p1-7103190030p7.
- 2017 Wolf, T.J., Doherty, M., Spiers, M., & Leary, E. The effect of self-management education following mild stroke: An exploratory randomized controlled trial. *Topics in Stroke Rehabilitation*, 1-8.
- 2016 Wolf, T. J., Doherty, M., Kallogjeri, D., Coalson, R. S., Nicklaus, J., Ma, C. X., ... & Piccirillo, J. The Feasibility of Using Metacognitive Strategy Training to Improve Cognitive Performance and Neural Connectivity in Women with Chemotherapy-Induced Cognitive Impairment. *Oncology*, 143-152.
- 2015 Wolf, T. J., Polatajko, H., Baum, C., Rios, J., Cirone, D., Doherty, M., & McEwen, S. Combined Cognitive-Strategy and Task-Specific Training Affects Cognition and Upper-Extremity Function in Subacute Stroke: An Exploratory Randomized Controlled Trial. *American Journal of Occupational Therapy*, 70(2). Available at: 7002290010p1-7002290010p10.
- 2015 Wolf, T. J., Dahl, A., Auen, C., & Doherty, M. The reliability and validity of the Complex Task Performance Assessment: A performance-based assessment of executive function. *Neuropsychological rehabilitation*, 1-15.
- 2014 McEwen, S., Polatajko, H., Baum, C., Rios, J., Cirone, D., Doherty, M., & Wolf, T. Combined Cognitive-Strategy and Task-Specific Training Improve Transfer to Untrained Activities in Subacute Stroke An Exploratory Randomized Controlled Trial. *Neurorehabilitation and neural repair*. 6(1): 526-36

- 2014 Hahn, B., Baum, C., Moore, J., Ehrlich-Jones, L., Spoeri, S., Doherty, M., & Wolf, T. J. Development of additional tasks for the Executive Function Performance Test. *American Journal of Occupational Therapy*, 68(6), e241-e246.

Peer-Reviewed Manuscripts in review

- 2021 Doherty, M., Dickerson, D., Kadela, K., Noetzel, M., Wolf, T., Berg, C., Dodd, J. (In Review) Validation of the Weekly Calendar Planning Activity in Adolescents with Brain Injury. *Occupational Therapy journal of Research*

Non Peer-Reviewed Publications

- 2020 Doherty, M., and Wolf, T.J. (2020) Improving Participation and Quality of Life through Occupation in, Gillen, G. & Nilsen, D. (Eds) *Stroke Rehabilitation: a Function-Based Approach 5th Edition*. El Sevier, Saint Louis, MO.
- 2019 Lussier, A., Doherty, M., Toglia, J. (2019) The Weekly Calendar Planning Activity in TJ Wolf, G. Giles, D. Edwards (Eds) *Functional Cognition for Occupational Therapy: A Practical Approach to Treating Individuals with Cognitive Loss*. AOTA Press, Bethesda, MD.

PRESENTATIONS

Peer Reviewed Presentations

National

- 2020 Cancelled due to Pandemic:
Doherty, M., Boone, A., & Wolf, T. FUNctional Cognitive Assessment Tools, AOTA 100th Conference and Expo, Boston, MA, April 2020.
- Neff, A., Perlmutter, M. & Doherty, M. Achieving Rehabilitation Equality for People With Aphasia in a Student-Run Stroke Clinic (SRSC), AOTA 100th Conference and Expo, Boston, MA, April 2020.
- 2019 Doherty, M. Using the CO-OP approach with outpatient clients with neurological injuries, AOTA 99th Conference and Expo, New Orleans, LA, April 2019.
- 2019 Doherty, M., Dyer, M., Wilson, E., Strobel, C. & Russell Thomas, D. A Student-Run Free Clinic In Occupational Therapy for Individuals with Acquired Brain Injury: Evidence, Model, and Client Outcomes, AOTA 99th Conference and Expo, New Orleans, LA, April 2019.
- 2018 Doherty, M., Neff, A., Wiseman, C. Increasing Student and Practitioner Competency when Communicating with People with Aphasia, AOTA 98th Conference and Expo, Salt Lake City, UT, April, 2018.
- 2018 Doherty, M. Validation of the Weekly Calendar Planning Activity With Teenagers With Acquired Brain Injury AOTA 98th Conference and Expo, Salt Lake City, UT, April, 2018.
- 2018 Doherty, M., Zlotnik, S. Measuring Cross-Cultural Stability in Performing the Weekly Calendar Planning Activity Among Typical Israeli and American Adolescents, AOTA 98th Conference and Expo, Salt Lake City, UT, April 2018.

- 2017 Wolf, TJ & Doherty, M. The effect of self-management education following mild stroke: An exploratory randomized controlled trial. AOTA 97th Conference and Expo, Philadelphia, PA, April, 2017.
- 2017 Doherty, M. The Acquired Brain Injury in Teenagers (ABIT) Model: Supporting Occupational Performance at Home, School, and in the Community. AOTA 97th Conference and Expo, Philadelphia, PA, April, 2017.
- 2017 Doherty, M. Validation of the Weekly Calendar Planning Activity With Teenagers With Acquired Brain Injury. American Congress of Rehabilitation Medicine Annual Conference. Atlanta, GA. October 25-28 2017
- 2016 Doherty, M, & Wolf, T. Metacognitive Strategy Training for Breast Cancer Survivors with Chemobrain; translating research into clinical practice. AOTA 96th Conference and Expo, Chicago, IL, April, 2016.
- 2014 Doherty, M, & Wolf, T. Exploring the Efficacy of a New Intervention Paradigm: Cognitive Strategy Training in Sub-Acute Stroke. AOTA 94th Conference and Expo, Baltimore, MD, April, 2014.
- 2009 Doherty, M. The Relationship of glaucoma disease severity and depression with participation in leisure and social activities. AOTA 89th Conference and Expo, Houston, TX, April, 2009.

State

- 2018 Doherty, M., Dyer, M., Wilson, E., Strobel, C. & Russell Thomas, D. A Student-Run Free Clinic In Occupational Therapy for Individuals with Acquired Brain Injury: Evidence, Model, and Client Outcomes, Missouri OT Association annual conference, Columbia, MO, November 2018.
- 2013 Doherty, M., Neff, A., Wiseman, C. Increasing Student and Practitioner Competency when Communicating with People with Aphasia, Missouri OT Association annual conference, Columbia, MO, November 2018.
- 2013 Doherty, M. Self-Management Education After Stroke. Missouri Occupational Therapy Association Conference, Saint Louis, MO, November, 2013.

Invited Presentations

National

- 2018 Lieberman, D, Doherty, M et. al. (AOTA) Systematic Review on Occupational Therapy for Children and Youth (Age 0–5 Years). AOTA 98th Conference and Expo, Salt Lake City, UT, April, 2018.
- 2018 Turley, D & Doherty, M. A Strategies to improve work performance during and after cancer treatment. AOTA 98th Conference and Expo, Salt Lake City, UT, April, 2018.
- 2018 Turley, D & Doherty, M. A Strategies to improve work performance during and after cancer treatment. AOTA 98th Conference and Expo, Salt Lake City, UT, April, 2018.
- 2017 Doherty, M. & Turley, D. Cancer and Work, AOTA Specialty Conference on Oncology, MD Anderson Cancer Center, 2017.
- 2017 Doherty, M. & Wolf, T. Performance Based Assessment of Cognition in Oncology, AOTA Specialty Conference on Oncology, MD Anderson Cancer Center, 2017.

Regional

2016 Doherty, M. Executive Dysfunction after Mild Stroke. University of Wisconsin Milwaukee, 2016.

State

2017 Barco, P. & Doherty, M. How to “Problem Solve” executive function deficits after brain injury. Missouri TBI Association Annual Conference. St. Louis, MO. October 5th, 2017.

2015 Doherty, M. & Wolf, T. Executive Dysfunction after Mild Neurological Injury: OT Assessment and Intervention Strategies. Arizona State Occupational Therapy Association Conference, Phoenix, AZ, 2015.

2014 Doherty, M. The Executive Function Performance Test (EFPT): History, Evidence, and Use in Practice. Wisconsin Occupational Therapy Association Conference, Appleton, WI, 2014.

Local

2016 Wolf, T. & Doherty, M. The Cognitive Orientation to Daily Occupational Performance (CO-OP) Approach. University of Missouri, Columbia, MO, 2016. Two-day course.

2015 Doherty, M. The Executive Function Performance Test (EFPT): History, Evidence, and Use in Practice. SSM-Select Rehabilitation Hospital, Saint Louis, MO, 2015.

2015 Doherty, M. Assessment and Treatment of Executive Dysfunction. Saint Francis Medical Center, Cape Girardeau, MO, 2015.

TEACHING EXPERIENCE

2019-2020 Occupational Science, Co-Course Master, Personal and Community Wellness

2019-2020 Occupational Science and Occupational Therapy, Co-Course Master, Physical Dysfunction in Occupational Therapy

2018-2019 Occupational Science and Occupational Therapy, Course Master, Clinical Conditions and Phenomenology

2018-2019 Occupational Science and Occupational Therapy, Course Master, OT for Adults with Neurological Dysfunction

2018 Occupational Science and Occupational Therapy, Tutor, Problem Based Learning in Occupational Therapy

2015-2018 Occupational Therapy, Supervising Clinician and Course Master, Student-run Stroke Clinic Washington University in St. Louis

2012 Occupational Therapy, Small Group Mentor, Problem Based Learning, Washington University in St. Louis

Guest Lecturing and Laboratory Support

2018-2019 Occupational Science and Occupational Therapy, Kinesiology

2018 Occupational Science and Occupational Therapy, Occupational Performance/Assessment of Children and Youth

- 2015 Occupational Therapy, Teaching Assistant, Environmental Factors Facilitating Performance and Participation II
- 2013-present Occupational Therapy, Guest Lecturer, Fundamentals of Assessment
- 2012-2016 Occupational Therapy, Guest Lecturer and Laboratory Assistant, Interventions Supporting Recovery and Participation of Individuals with Sensorimotor Challenges and Interventions Supporting Recovery and Participation of Individuals with
- 2012-2016 Occupational Therapy, Guest Lecturer and Laboratory Assistant, Interventions Supporting Recovery and Participation of Individuals with Cognitive and Learning Challenges

Research Student Projects

- 2017-2018 Wilson, E. & Dyer, M. Participation outcomes for individuals with stroke in a student-run free clinic
- 2017-2018 Fontes, A. Mirror therapy for motor recovery in a student-run free clinic: a pilot study
- 2017-2018 Neff, A.J. Outcomes of clients with aphasia in a student run free clinic
- 2016-17 Evans, J. Mirror Therapy Protocol for motor recovery in a student-run stroke clinic
- 2016-17 Wiseman, C. Developing student competency for working with people with aphasia
- 2015 Schaefer, M. Adapted golf program for stroke survivors
- 2015 Yarbrough, A. Mental practice for motor recovery in stroke
- 2015 Heller, D. The Development of task-specific training kits for pediatric clients with hemiplegia

AREAS OF ONGOING RESEARCH AND SCHOLARSHIP

National Consortium of Researchers in Amyotrophic Lateral Sclerosis

Natural History of ALS Study Team member