



Greetings to Research Resource Colleagues!

This month we continue to highlight some of the discussion topics relevant to the [National Academy of Medicine's Vital Directions for Health and Healthcare Initiative](#), specifically "[Research into Brain Disorders as an Example of Targeted Science](#)". The promise of the [BRAIN Initiative](#), a 12-year public-private partnership begun in 2013, which aims to provide new tools and technologies needed to accelerate understanding of normal and abnormal brain structure and function, is emphasized. Among the recommendation statements is: "The complexity of the brain, its cognitive and behavioral outputs, and the heterogeneity of human genomes and phenotypes require that the traditional organization of science into individual research labs be complemented by large-scale interdisciplinary research collaborations". (Hyman, S.E., Landis, S.C., Leshner, A.I. (2016) [Research Into Brain Disorders as an Example of Targeted Science](#). *Journal of the American Medical Association*, 316(16):1673-1674. doi:10.1001/jama.2016.12412.)

I would submit that OT researchers and practitioners have an important role to play in this interdisciplinary research. There is much to be done in dementia and Alzheimer's Disease, TBI, stroke, mental health disorders, functional cognition, to name but a few. Also relevant to the Foundation's and AOTA's interest and role in facilitating knowledge translation, "Efforts must also be made to train clinicians so that emerging information is effectively applied to patient care". (Hyman, p.1674).

AOTF is dedicated to "Building evidence to improve practice & health".

Best wishes,

Scott Campbell, PhD
CEO

Doctoral, Post-Doctoral and Research Training Opportunities

[Postdoctoral Fellowships to Safeguard Astronaut Health and Performance during Deep Space Exploration](#)

NSPIRES Solicitation Number: TRIRFA1701

The Translational Research Institute (TRI) seeks to support postdoctoral fellows in performing research related to human space flight. Two-year fellowships are available in any U.S. laboratory carrying out biomedical

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AOTF Seeks a Scientific Programs Officer

[Join the AOTF team and develop, implement, manage, and evaluate the Foundation's scientific programs.](#)

Interested in sponsoring AOTF events at the AOTA conference in 2018 including the Breakfast with a Scholar and the State of the Science? Contact [Azalea Candelaria](#).

OTJR: Occupation, Participation and Health

[OTJR](#), published quarterly by AOTF, offers original peer-reviewed research articles of professional interest to the practicing OT with a focus on occupation and fostering interdisciplinary research. *OTJR* is now indexed in MEDLINE/PubMed. To download current, past, and future *OTJR* articles – see the [OTJR website](#).

[April 2017](#)

Editorial
OTJR's Journey in Becoming a World-Class Journal
Sherrilene Classen

Articles

research. Applicants must submit research proposals together with an identified mentor and institution. Proposal deadline: July 31, 2017. Independent investigators with existing research grant support may request to be listed as possible mentors for this program, deadline: June 29, 2017.

Postdoctoral position – University of Pittsburgh

Dept of OT and the Health Policy Institute, Health Services - geriatric focus desirable

if interested, send name, phone number, email address, statement of career goals and CV to

[Dr. Juleen Rodakowski.](#)

Postdoctoral Fellow Opportunity - University of Florida

The Dept. of OT invites applications for a full-time postdoctoral fellow under the mentorship of Dr. Sherrilene Classen in multidisciplinary research with a focus on driving rehabilitation science. Applicants must have a PhD in Rehabilitation Science or a closely related field and are preferably licensed/license-eligible as an occupational therapist in the state of Florida.

Postdoctoral Fellowship in Multiple Sclerosis Research - Johns Hopkins University

The overall goals of this two-year postdoctoral research Fellowship funded by the National MS Society and Johns Hopkins Dept of Physical Medicine and Rehabilitation are to:

1. Train clinician-scientists who will go on to be leaders in the advancement of rehabilitative strategies for people with MS.
2. Equip trainees with the skills needed to become independent, grant-funded investigators.

This program will provide clinical and research training in MS-related rehabilitation science,

For more information, contact [Meghan Beier.](#)

Postdoctoral Fellow Position Washington University School of Medicine in St. Louis

One position is available for a [highly motivated PhD interested in translational occupational therapy research](#) in aging. The primary task of the postdoctoral research fellow will be to conduct research in the area of function and the environment for cognitively normal older adults aging in place. The focus of the research will be on identifying functional changes over time for older adults with and without prediagnosed Alzheimer disease and preventing falls among community dwelling older adults. The role involves working in a team-based environment and collaborating with different researchers on a range of projects. The research includes analysis and preparation of manuscripts for publication based on data from clinical studies, as well as the preparation and submission of grant proposals.

Postdoctoral Fellowship in Rehabilitation Outcomes Measurement Research at Boston University

[This Fellowship Program](#) is designed to provide unique opportunities for advanced training and experience in rehabilitation outcomes measurement.

The dynamic program focuses on recent innovations in outcome measurement such as computer adaptive testing for patient reported outcomes, advances in performance-based outcome measures, and technological developments that have allowed the creation of sophisticated instrumented outcome measures.

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Driving Intervention for Returning Combat Veterans
Interim Analysis of a Randomized Controlled Trial
Sherrilene Classen, Sandra Winter, Miriam Monahan, Abraham Yarney, Amanda Link Lutz, Kyle Platek, Charles Levy

International Occupational Therapy Research Priorities
A Delphi Study
World Federation of Occupational Therapists, Lynette Mackenzie, Susan Coppola, Liliana Alvarez, Lolita Cibule, Sergey Maltsev, Siew Yim Loh, Tecla Mlambo, Moses N. Ikiugu, Zdenka Pihlar, Sarinya Sriphetcharawat, Sue Baptiste, Richard Ledgerd

Psychometric Evaluation of the Occupation-Centered Intervention Assessment
Vanessa Jewell, Noralyn Pickens

Qualitative Experience of Sleep in Individuals With Spinal Cord Injury
Donald J. Fogelberg, Natalie E. Leland, Jeanine Blanchard, Timothy J. Rich, Florence A. Clark

Clarifying the Construct of Occupational Engagement for Occupational Therapy Practice
Jennifer Kennedy, Jane A. Davis

Book Review: Driving simulation for assessment, intervention, and training: A guide for occupational therapy and health care professionals, by Classen, S. (Ed.)
Melissa Knott, Bethan Blackburn, Hillary Hamilton, Bri Marshall, Nicole Mazgola, Aileen McAleese, Jocelyn Schubert, Andrea Trebilcock, Sherrilene Classen

2016 State of the Science Symposium Supplement

Evidence-based Interventions for Increasing Work Participation for Persons with Various Disabilities: A Systematic Review
Diane L. Smith, Katie Atmatzidis, Marisa Capogreco, Dominic Lloyd-Randolfi, Victoria Seman.

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Brain Disorders and Brain Injuries

Traumatic Brain Injury

Berger, S., Kaldenberg, J., Selmane, R., & Carlo, S. (2016). [Effectiveness of interventions to address visual and visual-perceptual impairments to improve occupational performance in adults with traumatic brain injury: A systematic review.](#) *The American Journal of Occupational Therapy*, 70, (3), 7003180010p1-p7.

Chang, P. F. J., Baxter, M. F., & Risky, J. (2016). [Effectiveness of interventions within the scope of occupational therapy practice to improve motor function of people with traumatic brain injury: A systematic review.](#) *The American Journal of Occupational Therapy*, 70, (3), 7003180020p1-p5.

Padilla, R., & Domina, A. (2016). [Effectiveness of sensory simulation to improve arousal and alertness of people in a coma or persistent vegetative state after traumatic brain injury: A systematic review.](#) *The American Journal of Occupational Therapy*, 70, (3), 7003180030p1-p8.

Powell, J.M., Fraser, R., Brockway, J.A., Temkin, N., & Bell, K.R. (2016). [A Telehealth Approach to Caregiver Self-Management Following Traumatic Brain Injury: A Randomized Controlled Trial.](#) *The Journal of Head Trauma Rehabilitation*, 31, (3), 180-190.

Wheeler, S., & Acord-Vira, A. (2016). *Occupational therapy practice guidelines for adults with traumatic brain injury*. Bethesda, MD: AOTA Press.

Cognitive Deficits

Hedman, A., Nygard, L., Malinowsky, C., Almkvist, O., & Kottorp, A. (2016). [Changing everyday activities and technology use in mild cognitive impairment.](#) *British Journal of Occupational Therapy*, 79, (2), 111-119.

Lindqvist, E., Vasiliou, A.P., Gomersall, T., Astelle, A., Mihailidis, A., Sixsmith, A., & Nygard, L. (2016). [Activities people with cognitive deficits want to continue mastering: A scoping study.](#) *British Journal of Occupational Therapy*, 79, (7), 399-408.

Lexén, A., Hofgren, C., Stenmark, R., & Bejerholm, U. (2016). [Cognitive functioning and employment among people with schizophrenia in vocational rehabilitation.](#) *WORK: A Journal of Prevention, Assessment & Rehabilitation*, 54, (3), 735-744.

Parkinson's Disease

Little, J., & Eagles, R. (2014). [Critically Appraised Papers: Moderate evidence exists for occupational therapy-related interventions for people with Parkinson's disease in physical activity training, environmental cues and individualised programmes promoting personal control and quality of life.](#) *Australian Occupational Therapy Journal*, 61, (4), 287-288.

Lutz, S. G., Holmes, J. D., Ready, E. A., Jenkins, M. E., & Johnson, A. M. (2016). [Clinical presentation of anxiety in Parkinson's Disease: A scoping review.](#) *OTJR: Occupation, Participation and Health*, 36, (3), 134-147.

Alzheimer's Disease and Dementia

Laver, K., Cumming, R., Dyer, S., Agar, M., Anstey, K.J., Beattie, E., & Yates, M. (2017). [Evidence-based occupational therapy for people with dementia and their families: What clinical practice guidelines tell us and implications for practice.](#) *Australian Occupational Therapy Journal*, 64, (1), 3-10.

Piersol, C. V., Jensen, L., & Lieberman, D. (2017). *Occupational Therapy Practice Guidelines for adults with Alzheimer's disease and related major neurocognitive disorders*. Bethesda, MD: AOTA Press.

Struckmeyer, L. R., & Pickens, N. D. (2016). [Home modifications for people with Alzheimer's disease: A scoping review.](#) *The American Journal of Occupational Therapy*, 70, (1), 7001270020p1-p9.

Wong, C., & Leland, N. E. (2016). [Non-pharmacological approaches to reducing negative behavioral symptoms: A scoping review.](#) *OTJR: Occupation, Participation and Health*, 36, (1), 34-41.

Stroke

Richard, L., Maitra, K., Costa, B., Maillet, D., & Ramsey, C. (2017). [Patient Characteristics and Functional Outcomes in a 5-Year Retrospective Stroke Cohort.](#) *Topics in Geriatric Rehabilitation*, 33, (2), 98-103.

Wolf, T. J., Polatajko, H., Baum, C., Rios, J., Cirone, D., Doherty, M., & McEwen, S. (2016). [Combined cognitive-strategy and task-specific training affects cognition and upper-extremity function in subacute stroke: An exploratory randomized controlled trial.](#) *The American Journal of Occupational Therapy*, 70, (2), 7002290010p1-10.

Wolf, T. J., Chuh, A., Floyd, T., Mdnis, K. & Williams, E. (2015). [Effectiveness of occupation-based interventions to improve areas of occupation and social participation after stroke: An evidence-based review.](#) *American Journal of Occupational Therapy*, 69(1), 6901180060p1-6901180060p11.

Schizophrenia

Ayres, H., & John, A.P. (2015). [The Assessment of Motor and Process Skills as a measure of ADL ability in](#)

Lipskaya-Velikovsky, L., Jarus, T., Easterbrook, A., & Kotler, M. (2016). [Participation in daily life of people with schizophrenia in comparison to the general population](#). *Canadian Journal of Occupational Therapy*, 83, (5), 297-305.

Grants and Funding Opportunities

[HealthSouth Call for Grant Applications](#)

HealthSouth is offering research funding grant(s) totaling up to \$30,000 aimed at the investigation of the impact or effectiveness of therapy in the inpatient rehabilitation facility (IRF) post-acute care setting.

[US Department of Health and Human Services Grants](#)

Search the [grants.gov website](#) for up to date information on grants that are available. Learn about [how to apply](#) for NIH grants.

Conferences and Calls for Papers

[American Diabetes Association Conference \(June 9-13, 2017, San Diego, California\)](#)

[Canadian Occupational Therapy Conference \(June 21-24, 2017, Charlottetown, Prince Edward Island\)](#)

[PHC 2017 - 4th Annual Public Health Conference \(July 5-7, 2017, Bangkok, Thailand\)](#)

Tomorrow People Organization is presenting this international conference targeting government officials and policy makers, NGOs, graduate students, company reps, and scholars. Oral, post, and virtual presentations are welcome and will be published in a dedicated ISBN publication of PHC 2017 Conference Proceedings.

[Down Syndrome Medical Interest Group-USA Annual Symposium: \(July 21, 2017, Sacramento, California\)](#)

This symposium provides an interdisciplinary forum for sharing of knowledge and experiences related to clinical care of children and adults with Down syndrome, clinical research related to Down syndrome, and development of Down syndrome clinics.

[Human Animal Bond and Animal Assisted Therapy Three Day Summit \(August 12-14, 2017, Rochester, Michigan\)](#)

Industry leaders from across the country will come together and discuss standards of practice and ethical considerations in the field of Human Animal Bond and Animal Assisted Therapy. This event will cover ethics in the industry, legitimizing the field, animal welfare, and establishing best practices, which will serve as the catalyst for future practice, research and publication opportunities.

[AOTA Specialty Conference: Mental Health \(September 15-16, 2017, Indianapolis, Indiana\)](#)(pre-conference sessions: September 14)

[Second International Conference on Paediatric Acquired Brain Injury \(September 20-23, 2017, Rome, Italy\)](#)

[12th Annual Thompson Center Autism Conference \(September 21-22, 2017, St. Louis, Missouri\)](#)

Connect with international experts in autism for the latest evidence-based best practices and research findings on working with and treating individuals with autism. Three conference strands will be offered: current topics, applied behavior analysis, and autism in schools.

[Southwest Conference on Disability 2017 \(October 5-8, 2017, Albuquerque, New Mexico\)](#)

Main conference theme: The Intersection of Disability and Other Underserved Populations. Special emphasis themes: Disability in Native America: Causes, Impacts, Solutions and Addressing the Intersections of Adversity

and Disability Prenatally and in Early Childhood: Research, Prevention, Intervention and Capacity-Building.

[Pacific Rim International Conference on Disability and Diversity \(October 9-11, 2017, Honolulu, Hawaii\)](#)

PRICDD encourages and respects voices from "diverse" perspectives across numerous areas, including: voices from persons representing all disability areas; experiences of family members and supporters across all disability and diversity areas; responsiveness to diverse cultural and language differences; evidence of researchers and academics studying diversity and disability; stories of persons providing powerful lessons; examples of program providers, and; action plans to meet human and social needs in a globalized world.

Call for Papers Deadline: June 16, 2017.

[5th International Institute on Kielhofner's Model of Human Occupation \(MOHO\) \(October 14-15, 2017, Houston, Texas\)](#)

[MOHO theme: Perspectives on Client-Centered Practice](#)

[The 16th Annual Research Conference of the Society for the Study of Occupation: USA \(October 19-21, 2017, Seattle, Washington\)](#)

[SSO:USA theme for 2017: Participation: People, Places & Performances](#)

[CAG2017 \(October 19-21, 2017, Winnipeg, Manitoba\)](#)

[Canadian Association on Gerontology 46th Annual Scientific & Educational Meeting](#) theme: Evidence for Action in an Aging World

[ACRM 94th Anniversary Conference \(October 23-28, 2017, Atlanta, Georgia\)](#)

[American Congress of Rehabilitation Medicine conference](#) theme: Progress in Rehabilitation Research – Translation to Clinical Practice

[ENOTHE 2017 Meeting \(October 26-28, 2017 Zagreb, Croatia\)](#)

European Network of OT in Higher Education 2017 conference themes: global health trends, education and training, innovation and future OT practice. Abstract deadline: May 1, 2017.

[AOTA Education Summit: \(October 27-28, 2017, Ft. Worth, Texas\)](#)

[AOTA/NBCOT National Student Conclave \(November 3-4, 2017, Birmingham, Alabama\)](#)

[American Public Health Association \(APHA\) 145th Annual Meeting \(November 4-8, 2017, Atlanta, Georgia\)](#)

Meeting theme: Creating the Healthiest Nation: Climate Changes Health.

[Society for Neuroscience \(SfN\) 2017 \(November 11-15, 2017, Washington, DC\)](#)

[The SfN 47th annual meeting, Neuroscience 2017](#), is the world's largest neuroscience conference for scientists and physicians devoted to understanding the brain and nervous system.

[2nd World Disability & Rehabilitation Conference 2017 \(WDRC 2017\) \(November 16-17, 2017, Colombo, Sri Lanka\)](#)

Conference theme: "Inspiring Possibilities...Enhancing Opportunities for Ability"

[Abstracts for Oral, Poster and Virtual Presentations, deadline: August 24, 2017.](#)

[AOTA School Based Specialty Conference \(December 1-2, 2017, Orlando, Florida\)](#)

[AOTA Annual Conference & Expo \(April 19-22, 2018, Salt Lake City, Utah\)](#)

(pre-conference institutes: April 18)

[Call for papers: May 1, 2017-June 8, 2017](#)

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News and Other Resources

[Faculty Loan Repayment Program](#)

Faculty Loan Repayment Program, run by HHS, provides loan repayment to individuals serving as a faculty member in an accredited and eligible health professions school. Program applicants must be from a disadvantaged

background, have an eligible health professions degree or certificate, and have an employment commitment as a faculty member at an approved health professions institution for a minimum of two-years. Program participants receive funds (up to \$40,000 for two-years of service) to repay the outstanding principal and interest of qualifying educational loans. Additionally, the program requires a funding match from the applicant's health professions school, which further reduces participants' educational debt. Technical assistance call: June 15, 2017. [Go to website](#) for details on program and assistance in applying.
Application deadline: June 29, 2017.

Webinar Series on the AOTF Intervention Research Grants (IRG)

Pi Theta Epsilon-Omicron Chapter at Boston University is holding a series of live interviews with IRG recipients on their research. The "AOTF Intervention Research Grant Recipients Webinar Series" will be uploaded to YouTube after airing.

[The first webinar by 2017 IRG recipients](#) Kathleen Lyons, ScD, OTR/L (Supporting Caregivers of Hematopoietic Stem Cell Transplantation Patients: A Feasibility Study of the Ready to CARE Program) and Evan Dean, PhD, OTR/L (Supporting Employment Through Self-determination for Young Adults with Autism Spectrum Disorder) is available now.

BrainAttack! 2017 Saturday, June 10, 2017

Personalized Medicine: Individualizing the Therapeutic Window for Acute Stroke
presented by Stroke and Cerebrovascular Center, Washington University School of Medicine.

Disability Stigma and Your Patients

The University of Washington Healthy Aging Rehabilitation Research Training Center (RRTC) has released a fact sheet as a guide for health care providers on how to have respectful, stigma-free interactions with their patients.

Canadian Institute for the Relief of Pain and Disability (CIRPD) Webinar Series

CIRPD is currently running two research-based, webinar series; chronic pain and return to work. Each series has upcoming, live webinars as well as a library of webinar recordings.

New or soon to be implemented NIH Grant Policies

[from the NIH Grant website.](#)

Advice from NIH on resubmitting grant applications

When applicants receive their summary statement resulting from the review of an application that was assigned a score outside of the ICs funding range, there are important decisions to be made. What is the likelihood that an application like this one will be funded? If you resubmit the application, what changes might improve the chances for a successful resubmission?

[Here's some advice from NIH.](#)



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AOTF is a 501(c)(3) dedicated to advancing the science of occupational therapy to support people's full participation in meaningful life activities. Gifts to AOTF help us make a real difference through:

- Scholarships
- Research support including the Intervention Research Grants program
- Maintenance of the largest collection of occupational therapy resources in the country, the Wilma L. West Library.

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