



AOTF Research Resources

May 2018



Greetings to Research Resource Colleagues!

As the school year comes to a close and summer vacation is on everyone's mind, this month's *Research Resources* highlights [Play](#).

Article 31 of the United Nations Convention on the Rights of the Child states:

That every child has the right to rest and leisure, to engage in play and recreational activities appropriate to the age of the child and to participate freely in cultural life and the arts.

I think most OTs would agree that the primary goals of childhood are to grow, learn, and play, and that one of children's major occupations is to play. Play develops physical coordination, emotional maturity, social skills and self-confidence. Research relevant to play in children with or without disabilities is certainly an area of investigation well-suited to OT researchers. We hope you enjoy the summer months and equally hope that a little "adult play" accompanies the "child play" during your summer activities.

Cheers.

Scott E. Campbell, PhD
CEO

Grants and Funding Opportunities

[93.319 -- Outreach Programs to Reduce the Prevalence of Obesity in High Risk Rural Areas](#)

The Centers for Disease Control and Prevention Division of Nutrition, Physical Activity, and Obesity (DNPAO) has posted a new notice of funding opportunity for public and state controlled institutes of higher education to conduct work to reduce the rates of obesity in high-risk rural areas. Deadline: July 9, 2018.

[The Hearst Health Prize](#)

The Hearst Health prize, in partnership with the Jefferson College of Population Health, is now accepting applications for the 2019 award. The winner will receive a \$100,000 prize, with \$25,000 awarded to up to two finalists, in recognition of outstanding achievement in managing or improving population health. The goal is to discover, support and showcase population health programs that have made a measurable difference. Deadline: August 9, 2018.

[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.

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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.](#)

[Resources on the AOTF website](#)

Pathfinders (guides to information sources on specific topics often researched by occupational therapists) can be found on the AOTF website.

Find resources on: diabetes, low vision, MS, productive aging, and obesity, and more.

[Call for Papers: Artificial Intelligence, Robotics, and Automation -- A Special Edition](#)

This special edition of *OTJR: Occupation, Participation and*

Selected NIH Grants:

- [Mentored Research Scientist Development Award \(Parent K01\)](#)
- [NIH Pathway to Independence Award \(Parent K99/R00\)](#)
- [Independent Scientist Award \(Parent K02\)](#)
- [Midcareer Investigator Award in Patient-Oriented Research \(Parent K24\)](#)

Doctoral, Postdoctoral, and Research Training Opportunities

Rehabilitation Research Career Development Program (RRCD) -- NIH K12 Positions

The goal of the program (presented by UTMB with UF and USC) is to provide OTs and PTs (with postdoctoral or related research experience) with the skills and research experience necessary to become independent investigators and future academic and scientific leaders in their professions. Scholars will receive mentored training in:

- Aging & geriatric rehabilitation (UF, USC, UTMB)
- Neuroscience & neurorehabilitation (UF, USC, UTMB)
- Muscle biology, exercise, physical activity, musculoskeletal rehabilitation (UF, USC, UTMB)
- Biomedical imaging & engineering, virtual reality, assistive technology (UF, USC)
- Developmental disorders, pediatric rehabilitation (UF, USC)
- Health services, prevention, wellness, health disparities, community integration, quality of life research (UF, USC, UTMB)
- Chronic pain, cognitive rehabilitation, behavioral and psychosocial support (UF, USC, UTMB)

Send any questions or requests to: rehab.info@utmb.edu

Rehabilitation Science (RSD) PhD Program -- University of Florida

This research is funded through a grant from HUD to develop new technologies for affordably retrofitting existing housing for people with disabilities. The project will culminate in the team using their research to redesign homes and digitize the designs in virtual reality with haptic simulations. This fully-funded PhD student will complete the didactic component via taking classes in the RSD program, while the research component will be completed under the supervision of Dr. [Sherrilene Classen](#) and Dr. [Linda Struckmeyer](#) (contact them for more information).

Postdoctoral Fellowship in Health Services R&D Center of Innovation on Disability and Rehabilitation (CINDRR)

The purpose of this 2-year fellowship is to develop a cadre of scientists with health services expertise for the VA healthcare system and to foster the development of high quality health services research and development at local and national levels. The fellowship is located at the HSR&D Center of Innovation on Disability and Rehabilitation Research (CINDRR) at the Tampa VA Hospital, Tampa, FL in collaboration with the VA HSR&D Service and partnership with the University of South Florida.

Postdoctoral Disability Research Training Program on Veterans with Disabilities

The National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) has provided funding to the Occupational Therapy Department at the University of Florida for postdoctoral opportunities focused on community living and

Health invites scholarly investigations into the potential for technologies like robots, smart homes, sensors, and automated systems to advance occupational therapy practice and the occupational science field. We welcome papers that undertake rigorous empirical or conceptual investigations by inquiring into the links between occupational perspectives and occupational therapy practices as they relate to the use of such technologies. Deadline: July 30, 2018.

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 OTJR

The Effect of Sensory Integration Therapy on Occupational Performance in Children With Autism
Babak Kashefimehr, Hülya Kayihan, Meral Huri

Activity-Based Goals Generated by Older Adults With Mild Cognitive Impairment
Juleen Rodakowski, Amanda M. Becker, Katlyn W. Goliass

Constructing the 32-item Fitness-to-Drive Screening Measure
Shabnam Medhizadah, Sherrilene Classen, Andrew M. Johnson

Establishing Fidelity of Occupational Performance Coaching
Winnie Dunn, Lauren M. Little, Ellen Pope, Anna Wallisch

Validity of the Turkish Occupational Self Assessment for Elderly Individuals
Serkan Pekçetin, Sinem Salar, Özgü İnal, Hülya Kayihan

Examining Anosognosia of Neglect
Emily S. Grattan, Elizabeth R. Skidmore, Michelle L. Woodbury

A Novel Rubric to Evaluate Wearable

participation for Veterans with disabilities. This award is in partnership with the Veterans Health Administration (VHA) Center of Innovation for Disability and Rehabilitation Research where fellows will be hosted. Three openings are currently available.

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](#).

Cameras for Assessment of Interrater Reliability
Amanda C. Jozkowski, Echo A. Presgraves, Krista L. Hodges, Erica N. Wirth, Nicole E. Brandstetter, Molly T. Thayer

Health Literacy and Written Communication in Skilled Nursing/Subacute Facilities
Christopher Galati, Rachel Adams, Kay Graham, Katharyn Reynolds, Julia Zametin

Play: One Occupation for Children

Brackmann, A., Ramugondo, F., Daniels, A., Galeni, F., Awood, M. & Hosking, T. (2017). [Street play as occupation for pre-teens in Belhar, South Africa](#). *South African Journal of Occupational Therapy*, 47, 27-34.

d'Entremont, L., Gregor, M., Kirou, E., Nelligan, L. & Dennis, D. (2017). [Developmental milestones for productivity occupations in children and youth: An integrative review](#). *Work: A Journal of Prevention, Assessment & Rehabilitation*, 56, 75-89. doi: 10.3233/WOR-162466.

Gerlack, A., Browne, A. & Suto, M. (2014). [A critical reframing of play in relation to indigenous children in Canada](#). *Journal of Occupational Science*, 21, 243-258. doi: 10.1080/14427591.2014.908818.

Graham, N., Truman, J. & Holgate, H. (2014). [An exploratory study: Expanding the concept of play for children with severe cerebral palsy](#). *The British Journal of Occupational Therapy*, 77, (7), 358-365. doi: 10.4276/030802214X14044755581781.

Graham, N. E., Truman, J. & Holgate, H. (2015). [Parents' understanding of play for children with cerebral palsy](#). *The American Journal of Occupational Therapy*, 69, 6903220050p1-6903220050p9. doi:10.5014/ajot.2015.015263.

Hyndman, B. (2015). [Where to next for school playground interventions to encourage active play? An exploration of structured and unstructured school playground strategies](#). *Journal of Occupational Therapy, Schools, and Early Intervention*, 8, 56-67. doi: 10.1080/19411243.2015.1014956.

Ismael, N.T., Lawson, L.A. & Cox, J.A. (2015). [The relationship between children's sensory processing patterns and their leisure preferences and participation patterns](#). *Canadian Journal of Occupational Therapy*, 82, 316-24. doi: 10.1177/0008417415577421.

Lane, S.J. & Bundy, A.C. (Eds.) (2012). *Kids can be kids: A childhood occupation*. Philadelphia: F.A. Davis Co.

Little, L.M., Pope, E., Wallisch, A. & Dunn, W. (2018). [Occupation-based coaching by means of telehealth for families of young children with autism spectrum disorder](#). *American Journal of Occupational Therapy*, 72, 7202205020p1-7202205020p7. doi:10.5014/ajot.2018.024786.

Lynch H. & Moore, A. (2016). [Play as an occupation in occupational therapy](#). *British Journal of Occupational Therapy*, 79, 519-520. doi: 10.1177/0308022616664540.

Lynch, H. & Stanley, M. (2018). [Beyond words: Using qualitative video methods for researching occupation with young children](#). *OTJR: Occupation, Participation and Health*, 38, 56-66. doi: 10.1177/1539449217718504.

Lynch, H., Hayes, N. & Ryan, S. (2016). [Exploring socio-cultural influences on infant play occupations in Irish home environments](#). *Journal of Occupational Science*, 23, 352-369. doi:10.1080/14427591.2015.1080181.

Miller, L.J., Schoen, S.A., Camarata, S.M., McConkey, J., Kanics, I.M., Valdez, A. & Hampton, S. (2017). [Play in natural environments: A pilot study quantifying the behavior of children on playground equipment.](#) *Journal of Occupational Therapy, Schools, & Early Intervention*, 10, 213-231. doi: 10.1080/19411243.2017.1325818.

Njelesani, J., Sedgwick, A., Davis, J. A. & Polatajko, H. J. (2011). [The Influence of context: a naturalistic study of Ugandan children's doings in outdoor spaces.](#) *Occupational Therapy International*, 18, 124-132. doi: 10.1002/oti.310.

Pizur-Barnekow, K., Kamp, K. & Cashin, S. (2014). [An investigation of maternal play styles during the co-occupation of maternal-infant play.](#) *Journal of Occupational Science*, 21, 202-209. doi: 10.1080/14427591.2012.724379.

Waldman-Levi, A. & Bundy, A. (2016). [A glimpse into co-occupations: Parent/caregiver's support of Young Children's Playfulness Scale.](#) *Occupational Therapy in Mental Health*, 32, 217-227. doi: 10.1080/0164212X.2015.1116420.

Publications

[Improving Health Professional Education and Practice Through Technology: Proceedings of a Workshop \(2018\)](#)

Participants to this workshop sponsored by the National Academies of Sciences, Engineering, and Medicine (November 2017) explored effective use of technologies as tools for bridging identified gaps within and between health professions education and practice in order to optimize learning, performance and access in high-, middle-, and low-income areas while ensuring the well-being of the formal and informal health workforce.

National Academies of Sciences, Engineering, and Medicine. 2018. *Improving Health Professional Education and Practice Through Technology: Proceedings of a Workshop*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25072>.

[Vital Directions for Health and Health Care: Revisiting the Priorities One Year Later](#)

On March 21, 2017, the National Academy of Medicine released its capstone publication in the [Vital Directions for Health and Health Care series](#); 19 peer-reviewed papers covering major topics in health policy with recommended opportunities for action.

One year later, the NAM announced the release of its special publication, [Vital Directions for Health and Health Care: An Initiative of the National Academy of Medicine](#).

The special publication is available as a free PDF download and includes expert recommendations for eliminating structural inefficiencies, reducing high costs, and unifying care delivery.

[Community-Based Health Literacy Interventions: Proceedings of a Workshop](#)

The Roundtable on Health Literacy hosted a one-day public workshop on a range of community-based health literacy interventions that currently exist, research related to community-based health literacy interventions, and best practices in community-based health literacy interventions.

Conferences and Calls for Papers

[WFOT Congress 2018 \(May 21-25, 2018, Cape Town, South Africa\)](#)

The theme is 'Connected in diversity: positioned for impact', and the program will feature world leading experts, unique social events, and an exhibition.

[Occupational Therapy Summit of Scholars -- Expanding our Research Outcomes through Team Science \(June 8-9, 2018, Kansas City, Missouri\)](#)

This invited Summit is co-hosted by the University of Kansas Medical Center and the University of Missouri and will provide a forum for scholars to share their research, develop networks across academic institutions, mentor emerging scientists who have post-doctoral fellowships, career development awards, or newly funded grants, advance science in occupational therapy by strengthening approaches to the study of occupation, participation, and health, and generate dialogue about funding opportunities and strategies to enhance success. A new track will be added this year: Large Data sponsored by the [University of Texas Medical Branch Center for Large Data Research & Data Sharing in Rehabilitation](#). Kenneth Ottenbacher, PhD, OTR and his team mentor scientists submitting abstracts with a large data focus.

[4th Canadian Fall Prevention Conference \(June 11-12, 2018, St. John's, Newfoundland\)](#)

This conference will address fall or injury prevention for seniors, patient populations, and the general public, for research studies or practice/community initiatives.

[4th Federal Interagency Conference on TBI \(June 11 - 13, 2018, Washington, DC\)](#)

The Interagency Meeting will have innovative programming and educational offerings giving you access to research, clinical programming, advocacy, policy and consumer concerns. Meet the thought-leaders in TBI rehab from all over the U.S. and around the world.

[Call for Late-Breaking Oral Papers and Posters](#): Jan 22 - March 31, 2018

[12th World Congress of the International Society of Physical and Rehabilitation Medicine \(ISPRM 2018\) \(July 8-12, 2018, Paris, France\)](#)

Top rehabilitation specialists from across the world will present the latest research and cutting edge techniques.

[The scientific program will include hands-on workshops, lively debates and more.](#)

[Healthy Aging Summit \(July 16-17, 2018, Washington, DC\)](#)

The 2018 Healthy Aging Summit seeks broad participation by subject matter experts from diverse disciplines, provider types, and the public-private sectors. We want to learn from subject matter experts first-hand what is working across important areas such as healthcare, transportation, built environment, housing, law and policy, and faith-based partnerships.

[Progress in Clinical Motor Control: Neurorehabilitation \(July 23-25, 2018, State College, Pennsylvania\)](#)

The first conference on Progress in Clinical Motor Control: Neurorehabilitation will bring together leading scientists in the basic, engineering, and clinical sciences to exchange and share research and development in cutting edge science and technology applied to neurorehabilitation. This conference will provide a premier interdisciplinary platform for researchers, practitioners and educators to hear from top scholars on recent research and technological innovations, as well as practical challenges in integrating these advances into the field of neurorehabilitation.

[Third International Conference on Paediatric Acquired Brain Injury \(September 26-28, 2018\), Belfast, Northern Ireland\)](#)

The conference will focus on the development of innovative treatments, rehabilitation programs, support mechanisms and ways to improve the lives and potential of young people affected by brain injury. The educational program will be inclusive of all issues relating to pediatric brain injury, both traumatic (e.g., external physical force injuries, penetrating injuries) and atraumatic (e.g., infectious diseases, tumors, stroke, neurotoxic poisonings).

[AOTA Specialty Conference: Children & Youth \(September 28-29, 2018, Milwaukee, Wisconsin\)](#)

(pre-conference sessions: September 27)

More details coming early July

[ACRM Annual Conference \(September 30-October 3, 2018, Dallas, Texas\)](#)

Conference theme is Progress in Rehabilitation Research. Preconference will be September 28-30, 2018. Learn about cutting-edge research and its translation into clinical practice to improve the quality of life experienced by people with disabilities and to improve their own lives -- improve their own well-being and connect with like-minded professionals.

[AOTA Education Summit \(October 13-14, 2018, Louisville, Kentucky\)](#)

More details coming late July.

[12th Annual Southern Obesity Summit \(October 22-14, 2018, Charleston, West Virginia\)](#)

The SOS is the largest regional obesity prevention event in the United States. The southern states join forces to fight obesity.

[AOTA/NBCOT National Student Conclave \(November 9-10, 2018, Atlantic City, New Jersey\)](#)

More details coming late July. Watch for details of PTE events and poster session.

[American Public Health Association Annual Meeting & Expo \(November 10-14, 2018, San Diego, California\)](#)

2018 Theme - Creating the Healthiest Nation: Health Equity Now. Health equity is a health, economic, human rights and social justice issue that calls for fairness and addresses inclusion along multiple dimensions, including race, ethnicity, class, sexual orientation and disability. Registration and housing open June 4.

[AOTA Specialty Conference: Adult Rehabilitation \(November 30-December 1, 2018, Los Angeles, California\)](#)

(pre-conference sessions: November 29)

More details coming late August

[International Brain Injury Association \(IBIA\) World Congress \(March 13-16, 2019, Toronto, Ontario\)](#)

The aim of the 13th World Congress is to provide an opportunity for establishing collegial relationships with international professionals focused on the care and/or service of persons with acquired brain injury and/or the science of brain injury research. State of the art research will be presented dealing with information spanning from basic science to clinical (coma to community) aspects of brain injury.

Abstract portal will open summer 2018.

[AOTA Annual Conference & Expo \(April 4-7, 2019, New Orleans, Louisiana\)](#)

(pre-conference institutes: April 3)

[Call For Papers closes June 8, 2018.](#)

News and Other Resources

[Join NICHD Listservs](#)

NICHDdevelopments is a monthly listing of NICHD news releases, spotlights, selected funding opportunities, and upcoming scientific meetings, conferences, and events.

NIH News and Links

- [Revised NIH Grant Policy Statement](#)
- [New Video Provides Overview of New NIH Policies on Human Subjects Research and Clinical Trials](#)
Do you do research with human participants? This 15-minute video provides a succinct explanation of the various policy changes and what they mean for you.
- [NIH's Next Generation Researchers Policy Now Posted](#)
NIH posted current plans for the Next Generation Researchers Initiative. NIH leadership has reviewed data and deliberated about how best to proceed on their goal to increase the number of NIH-funded early-stage investigators and assure that funded early-stage investigators have a reasonable chance to secure stable funding during the earliest stages of their independent research careers.
- [NIH Grant website.](#)
- [Perspectives on Evidence-based Funding](#), a talk by NIH Deputy Director for Extramural Research, Mike Lauer on concerns about the hyper-competitive nature of applying for NIH support and other topics.
- [Advice from NIH on resubmitting grant applications.](#)
- Mentored Research Scientist Development Award (Parent K01) <https://grants.nih.gov/grants/guide/pa-files/PA-14-044.html>
- NIH Pathway to Independence Award (Parent K99/R00) <https://grants.nih.gov/grants/guide/pa-files/PA-15-083.html>
- Independent Scientist Award (Parent K02) <https://grants.nih.gov/grants/guide/pa-files/PA-14-045.html>
- Midcareer Investigator Award in Patient-Oriented Research (Parent K24) <https://grants.nih.gov/grants/guide/pa-files/PA-14-047.html>



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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.

Read more about AOTF and its activities to *Build Evidence to Improve Practice and Health* at www.aotf.org.

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