



July/August 2013

Research Resources



Greetings to *Research Resources* colleagues:

We are in the midst of the dog days of summer in the Northern Hemisphere! Hope you are staying cool and staying safe as you enjoy your summer occupations. This month, we will provide an update on the NEW AOTF/AOTA Intervention Research Grant Program and information on our featured topic, fall prevention.

AOTF/AOTA Intervention Research Grant Program

We are carefully putting the pieces together for the online application of the [AOTF-AOTA Intervention Research Grant](#). Since it is the first Request for Application (RFA) for this particular initiative, it is requiring substantial planning and the requisite attention to detail! There is a wonderful buzz about this initiative and I have enjoyed responding to the many inquiries about the opportunity. This year, autism spectrum disorders and health issues associated with aging are the two priority areas. These grants are intended to help our researchers and scientists lay the groundwork for larger intervention studies and future funding to address pressing societal needs. The online letter of intent and application will be available in August. If you are a subscriber to *Research Resources*, you appreciate the importance of intervention research to the future of occupational therapy. To support the research funded by this initiative, use the [secure process on the AOTF website](#) and designate Intervention Research Grants.

We believe:

Research + Evidence = Improved Practice.

Fall Prevention for Older Adults

The 2013 *Research Resources* continues to examine topics of importance for the six occupational therapy practice areas identified during the AOTA

In This Issue

[Resource Notes: Prevention of falls](#)

[Online Resources](#)

[Funding Opportunities](#)

[OTJR Seeks Articles](#)

[OTJR: Summer](#)

[Reviewers Needed](#)

[Dates to Remember](#)

[OT: History in Focus](#)

[Conference Announcements](#)

OTJR Seeks Articles

OTJR: Occupation, Participation and Health encourages submission of original research reports of assessment/measurement development, efficacy of interventions (preventive, restorative, and compensatory), intervention outcomes, translational research, and basic research (including occupational science). Reports that examine OT interventions and contribute to the evidence for theoretically based occupational therapy practices are welcomed. High quality, rigorous quantitative, qualitative, or mixed

centennial visioning process. This month, research in the practice area of productive aging, particularly fall prevention for older adults will be highlighted.

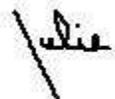
Recently, I helped a neighbor clean an old bird's nest out of the gutter on her house. I was thankful as she stabilized the ladder from below while I climbed and positioned myself to safely remove the debris. Every time I climb a ladder I take extra care as I am aware that accidental falls are a major public health problem and I don't want to contribute to these statistics! Prevention of falls has been identified as a priority area, especially for older adults. [The Centers for Disease Control and Prevention \(CDC\)](#) summarizes evidence on falls among older adults (age 65 and older), including:

- One in three older adults falls each year
- Falls are the leading cause of injury-related death for older adults
- In 2010, fall injuries contributed to over \$30 billion dollars (adjusted for inflation) in medical costs and hospitalization of over 600,000 older adults.
- Falls account for 9/10 hip fractures and over 1/3 of traumatic brain injuries

There is good news on the horizon though with growing evidence on strategies to reduce the risk of falls in the older adult population. For example, the [CDC's Steadi \(Stopping Elderly Accidents, Deaths, and Injuries\) Tool Kit](#) for health care providers addresses person, environment, and occupation factors and recommends referral to occupational therapy for assessment and/or intervention.

We invite you to survey the sample of publications that were assembled by our staff in the Wilma L. West Library. As always, we welcome your ideas on ways we can improve this monthly newsletter, and we thank you for your support of AOTF.

Stay safe!



Julie D. Bass, PhD, OTR/L, FAOTA
Associate Director, Institute for the Study of Occupation and Health
Director of Research
[Back to top.](#)

Resource Notes:

Occupational therapy interventions to prevent falls in older adults

In late 2012, I turned seventy. Still, when adding articles about the elderly to [OT SEARCH](#) and scanning them in order to assign subject headings that describe the article's content, I don't usually think they're talking about me. However, the topic for the summer *Research Resources*, preventing falls in the elderly, shouted out to me. In 2000, at fifty-eight, I walked off a step ladder and broke my left wrist, and at 64, I tripped in a parking lot and fractured a rib. Soon after the second fall, I got myself to a gym and found a trainer. We've worked on strengthening my core, lower extremities and improving my balance. I've had no falls recently, but some of my peers have.

Unfortunately, in some instances, falls cause lasting limitations or seem to be the beginning of a downward spiral. Health care professionals recognize that preventing falls in the elderly is a national priority. Occupational therapy

methods research reports are especially encouraged. For more information on publishing in this peer-reviewed journal, see its [website](#).

OTJR: Occupation, Participation and Health: Summer

OTJR: Occupation, Participation and Health, published quarterly by the American Occupational Therapy Foundation, Inc.,

offers original research articles of professional interest to the practicing occupational therapist with a focus on occupation and fostering interdisciplinary research. Visit: [OTJR Online](#).

Editorial

[Building the Science of the Profession](#)
Kathleen Matuska, PhD, OTR/L, FAOTA

Feature Articles

[Evaluating the Psychometric Properties of a Clinical Vocational Rehabilitation Outcome Measurement: The Assessment of Work Performance \(AWP\)](#)

Chia-Wei Fan, MS, OTR/L; Renée R. Taylor, PhD; Elin Ekbladh, OT Reg, PhD, MSc(OT); Helena Hemmingsson, OT Reg, PhD; Jan Sandqvist, PhD, BSc(OT), OT Reg

[Development of the Activity Card Sort-United Kingdom Version \(ACS-UK\)](#)

Alison J. Laver-Fawcett, PhD, OT(C), DipCOT; Sarah H. Mallinson, MSc

[Life Balance and Perceived Stress: Predictors and Demographic Profile](#)

Kathleen Matuska, PhD, OTR/L, FAOTA; Julie Bass, PhD, OTR/L, FAOTA; John S. Schmitt, PT, PhD

[A Preliminary Investigation of the Relationship Between Sensory Processing and Social Play in Autism Spectrum Disorder](#)

Heather Miller Kuhaneck, PhD; Preston A. Britner, PhD

[Translating Action Research Into Practice: Seeking Occupational Justice for People With Dementia](#)

Clare Hocking, PhD; Grace O'Sullivan,

practitioners can play a major role in this area of practice. Below are twelve recent studies retrieved from [OT SEARCH](#) on the efficacy of interventions provided by occupational therapists to prevent falls in the aged. You may also want to check out the Falls Prevention resource page on the AOTA [web site](#).

Mary Binderman, MSLS
The Wilma L West Library

[Read more.](#)

[Back to top.](#)

Online Resources

Project Intersect: Addressing Health Disparities at the Intersection of Race, Ethnicity and Disability

This [national conference](#) was held April 25-26, 2013; it brought together more than 200 researchers and advocates in both the disability field and the racial and ethnic health disparities field. The presentations are now posted on their web site.

PTSD Reference Tools

The [PTSD reference tools](#) give medical and behavioral health providers insights and best practices for treating patients experiencing PTSD and related post-traumatic stress conditions, as well as information to educate both the patient and their family about PTSD symptoms and treatment options. The products support comprehensive, evidence-based care that complies with the "VA/DoD Clinical Practice Guideline for the Management of Post-traumatic Stress.

Educating the Student Body: Taking Physical Activity and Physical Education to School

This [consensus report](#) from the IOM examines the status of physical activity and physical education efforts in schools, how physical activity and fitness affect health outcomes, and what can be done to help schools get students to become more active.

Disability and Health Data System (DHDS)

[DHDS, CDC's innovative disability and health data tool](#), uses data from the Behavioral Risk Factor Surveillance System (BRFSS) to identify disparities in health between adults with and without disabilities. Find data on a range of health indicators for your state, and compare the health of adults with disabilities and adults without disabilities.

[Back to top](#)

Funding Opportunities

AOTF/AOTA Intervention Grant Program

[These grants](#) will fund innovative innovations to build bridges between research-evidence-practice in aging and autism. Letter of Intent will be available August 1, 2013 and will be due August 30, 2013.

Disseminating Patient Centered Outcomes Research To Improve Healthcare Delivery (R18)

Activity Code R18 Research Demonstration and Disseminations Projects
[Funding Opportunity Announcement \(FOA\) Number RFA-HS-14-003](#)

The purpose of this FOA is to leverage the capacities of existing broad-based networks of providers and other key stakeholders to disseminate and

PhD

Reviewers Needed

Call for Reviewers for NIDRR, AHRQ, PCORI

Information can be found on AOTA's [OTConnections](#).

Support AOTF

The [American Occupational Therapy Foundation](#) is a nonprofit organization dedicated to supporting our profession today and for the future. Gifts to AOTF help us make a real difference for so many people in our profession through:

* Scholarships

* Research support and publications including *Research Resources* and *OTJR*

* Development and recognition of leadership

* Education and maintenance of the largest collection of occupational therapy resources in the country.

Learn more at www.aotf.org or [Donate Now](#).

Dates to Remember

IRG Grant

Letter of Intent open -- August 1, 2013
Letter of Intent Due -- August 30, 2013

[AOTA/NBCOT Student Conclave](#)

November 15-16, 2013, Jacksonville, Florida

[AOTA Annual Conference](#)

April 3-6, 2014, Baltimore, Maryland.

[Join Our Mailing List!](#)

implement existing evidence for improving the quality of care delivery.

OT: History in Focus

Remembering Historian Robert K. Bing

Many scholars and historians in occupational therapy are familiar with the late Dr. Robert K. Bing, who had a passion for occupational therapy history. Robert Kendall Bing died a decade ago in May, 2003. He was a distinguished educator, dean, scholar and leader in occupational therapy. Active with AOTA throughout his professional career, Bing served as president of the American Occupational Therapy Association from 1983-1986. In 1981, he became the first man to give the Eleanor Clark Slagle lectureship, and true to form, used the lecture to highlight the historical richness of occupational therapy.



He earned his doctorate from the University of Maryland in 1961 after completing a doctoral dissertation that stands as an important contribution to the archival history of occupational therapy. While in Maryland pursuing graduate studies, he befriended Dr. William Rush Dunton, Jr., one of the original founders of the occupational therapy profession, and interviewed him extensively just a few years before his death to provide a first hand account of occupational therapy's early years. This work is available in the Wilma L. West Library maintained by AOTF. Scholars can find more information about Dr. Bing in the memoriam published about his life in 2003.

Bing, R. K. (1981). Occupational therapy revisited: A paraphrastic journey. *American Journal of Occupational Therapy*, 35, 499-518.

Christiansen, C. H., Gordon, D., & Parent, L. (2004). Robert Kendall Bing, 1929-2003. *The American Journal of Occupational Therapy*, 58(3), 258-260.

[Back to top.](#)

Conference Announcements

The Disability Experience: State of the Arts in Research, Scholarship and the Arts. (October 31-November 1, 2013, Pittsburgh, Pennsylvania)

Sponsored by the Students for Disability Advocacy at the University of Pittsburgh, this [conference](#)

will focus on panel presentations by students with faculty respondents in order to provide discourse, networking opportunities and create a dialogue between students and faculty.

31st Annual Closing the Gap Conference (October 9-11, 2013, Minneapolis, Minnesota)

[This year's conference](#) builds on a tradition of providing a comprehensive examination of the most current uses of technology by persons with disabilities and the professionals who work with them. Preconference Workshops: Monday and Tuesday, October 7-8, 2013.

Tenth World Congress on Brain Injury (March 19 - 22, 2014, San Francisco, California)

This is the [largest gathering](#) of international professionals working in the field of brain injury. The abstract submittal deadline is **October 11, 2013**.

The 2013 Southwest Conference on Disability (October 8-11, 2013, Albuquerque, New Mexico)

The main theme of [this conference](#) is: The Rehabilitation Act At 40: Promises Kept, Promises Still To Keep.

3rd Global Conference Making Sense Of: Chronicity (Sept 23-25, 2013, Oxford, United Kingdom)

The apparent increase in and diversity of chronic conditions calls for better understandings of the spaces between

health and illness that chronic patients occupy, often for most of their lives and raises questions not just about those that suffer, but also about those that care for them, available treatments and care, and social inclusiveness.

4th Brain Development and Learning: Making Sense of the Science Conference (July 24-28, 2013, Vancouver, British Columbia)

An [interdisciplinary conference](#) devoted to improving children's lives by highlighting innovative programs and by making the newest research and applicable to those who work with children.

12th European AAATE Conference (Association for the Advancement of Assistive Technology in Europe) Conference (September 19-22, 2013, Vilamoura, Portugal)

Presentations are sought which will contribute to the advancement of assistive technology, not only in technological areas, but in all the fields closely related with this domain of knowledge: education and training, service provision, research, industry, legislation.

The Cochrane Collaboration's 2013 Colloquium (September 19-23, 2013, Québec City, Québec)

The focus of this year's [colloquium](#): Better Knowledge for Better Health will focus on evidence that informs health care decisions at every level -- from patient to practitioner, to institutional or government policy maker. Founded in 1993, The Cochrane Collaboration is the largest global network of scientists, researchers, health policy-makers and consumer advocates involved in the production of systematic reviews of healthcare evidence.

16th International Congress of World Federation of Occupational Therapists (June 18-21, 2014, Yokohama, Japan)

Presented in collaboration with the 48th Japanese OT Congress & Expo, the [WFOT Congress](#) themes are: disaster preparedness, response and recovery, inter-professional collaboration and the role of OT, wisdom: learning from the past, tradition for the future, innovations and challenges in OT, education and research: meeting the demands from the field, evidence-based practice and quality of OT, the nature of human occupation, community & OT.

AOTA Specialty Conference -- School-System Practitioners (July 26-27, 2013, Minneapolis, Minnesota)

Registration and hotel information will launch May 8, 2013. [Speakers](#) have been announced.

AOTA Education Summit (October 4-5, 2013, Atlanta, Georgia)

The [summit](#) will cover: pedagogy and instructional design; foundations for OT/OTA education and practice; and capacity building with the profession and academia.

SPD: Strategies, Science and Success (October 25-26, 2013, Charlotte, North Carolina)

[This conference](#) by the Sensory Processing Disorder Foundation will have separate tracks for both parents and professionals.

5th Annual Health Literacy Research Conference (October 28-29, 2013, Washington, DC)

This [interdisciplinary meeting](#) for investigators dedicated to health literacy research is an opportunity to advance the field of health literacy, a method to raise the quality of our research, and an venue for professional development.

[Back to top.](#)

About Us

AOTF is a 501(c)3 dedicated to the advancement of research, education, and public awareness of occupational therapy so that all people may participate fully in life regardless of their physical, social, mental, or developmental circumstances.

AOTF is concerned about privacy and will only send *Research Resources* to those individuals who wish to receive

it. If you no longer wish to receive *Research Resources*, or if you feel that you received this newsletter in error, please use the SafeUnsubscribe link at the bottom of this email. AOTF does not sell email addresses to other parties.

For more information about the American Occupational Therapy Foundation and its Institute for the Study of Occupation and Health, see our web site: www.aotf.org.

[Back to top](#)

Resource Notes Continued

Bleijlevens, MHC., Hendricks, MRC., van Haastregt, JCM., Crebolder, HFJM, & van Eijk, JTH.M (2010). [Lessons learned from a multidisciplinary fall-prevention programme: The occupational-therapy element](#). *Scandinavian Journal of Occupational Therapy*, 17, 319-325.

Chase, CA, Mann, K, Wasek, S, & Arbesman, M. (2012). [Systematic review of the effect of home modification and fall prevention programs on falls and the performance of community-dwelling older adults](#). *The American Journal of Occupational Therapy*, 66, 284-291.

Clemson, L, Singh, MF, Bundy, A, Cumming, RG, Weissel, E, Munro, J & Black, D. (2010). [LiFE Pilot Study: A randomised trial of balance and strength training embedded in daily life activity to reduce falls in older adults](#). *Australian Occupational Therapy Journal*, 57, 42-50.

Di Monaco, M, Vallero F, De Toma, E, De Lauso, L, Tappero, R, & Cavanna, A. (2008). [A single home visit by an occupational therapist reduces the risk of falling after hip fracture in elderly women: a quasi-randomized controlled trial](#). *Journal of Rehabilitation Medicine*, 40, 446-450.

Elliott, SJ, Ivanescu, A, Leland, NE, Fogo, J, Painter, JA, & Trujillo, LG. (2012). [Feasibility of interdisciplinary community-based fall risk screening](#). *The American Journal of Occupational Therapy*, 66, 161-168.

Gitlin, LN, Hauck, WW, Dennis, MP, Winter, L, Hodgson, N & Schinfeld, S. (2009). [Long-term effect on mortality of a home intervention that reduces functional difficulties in older adults: results from a randomized trial](#). *Journal of the American Geriatrics Society*, 57, 476-481.

Jahagirdar, SS & Kenkre, I.R. (2010). [Training elderly for mobility and strength using EMG-biofeedback and swiss ball/peanut ball exercises](#). *The Indian Journal of Occupational Therapy*, 42, 17-25.

Korp, KE, Taylor, JM, & Nelson, DL. (2012). [Bathing area safety and lower extremity function in community-dwelling older adults](#). *OTJR: Occupation, Participation and Health*, 32, 22-29.

Pighills, AC, Torgerson, DJ, Sheldon, TA, Drummond, AE, & Bland, JM. (2011). [Environmental assessment and modification to prevent falls in older people](#). *Journal of the American Geriatrics Society*, 59, 26-33.

Schepens, SL., Panzer, V, & Goldberg, A. (2011). [Randomized controlled trial comparing tailoring methods of multimedia-based fall prevention education for community-dwelling older adults](#). *The American Journal of Occupational Therapy*, 65, 702-709.

Schepens, S., Sen, A., Painter, J. A., & Murphy, S. L. (2012). [Relationship between fall-related efficacy and activity engagement in community-dwelling older adults: A meta-analytic review](#). *The American Journal of Occupational Therapy*, 66, 137-148.

Stewart, LSP & McKinstry, B. (2012). Fear of falling and the use of telecare by older people. *The British Journal of Occupational Therapy*, 75, 304-312.

[Back to top](#)