

Research Resources

A monthly newsletter of the

AOTF Institute for the Study of Occupation and Health

November 2011

Dear Colleagues,

Everyday, it seems the reality of our existence in a global community becomes more evident. The concept embodied in "the butterfly effect", which originated with chaos theory and the scientist Edgar Lorenz forty years ago, was formulated to show that small changes in one part of a large system can have dramatic effects later at another part of the system.

We can apply the concept to world events in ways that everyone now clearly understands. Irrational exuberance in real estate can lead to loan defaults that result in global economic consequences; and events in far off places reverberate more quickly and deeply throughout the system-largely because of digital communication.

Yet, there are also happy consequences to our connected world. As occupational therapy has grown internationally, so too has its educational programs and the activity of its larger scientific community. Today, groundbreaking occupational therapy research is being conducted in numerous countries.

So our topic in this month's Research Resources focuses on the global research community in occupational therapy, and the evidence of this appearing in the field's many publications worldwide. We at AOTF salute the great research being done outside the United States. As always, thanks for your support of scholarship and research in occupational therapy.

Cordially,



Charles Christiansen

Executive Director

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AOTF Awards Applications

Find information on how to apply to AOTF Awards including the Volunteerism Award at www.aotf.org.

The [AOTF Award for Community Volunteerism](#) celebrates those that respond to a need in their community, deadline **November 20, 2011**.

Wilma L. West Library Resource Notes

Research in occupational therapy around the globe and across cultures

As Dr. Christiansen wrote, each of us, whether intentionally or not, is touched by global events every day. The following six references lift up more intentional efforts of the OT community to seek out international collaboration, to find the means to make it happen, or to report on it.

Coster, W. (2005). [International conference on evidence-based practice: A collaborative effort of the American Occupational Therapy Association, the American Occupational Therapy Foundation, and the Agency for Healthcare Research and Quality](#). *The American Journal of Occupational Therapy*, 59, 356-358.

Galheigo, SM. (2011). [What needs to be done? Occupational therapy responsibilities and challenges regarding human rights](#). *Australian Occupational Therapy Journal*, 58, 60-66.

Higman, P. (2008). International exchange of knowledge. *The British Journal of Occupational Therapy*, 71, 168-170.

Hocking, C, Pierce, D, Shordike, A, Wright-St Clair, V, Bunrayong, W, Vittayakorn, S & Rattakorn, P. (2008). [The promise of internationally collaborative research for studying occupation: the example of the older women's food preparation study](#). *OTJR: Occupation, Participation and Health*, 28, 180-190.

Humbert, TK, Burket, A, Deveney, R & Kennedy, K. (2011). [Occupational therapy practitioners' perspectives regarding international cross-cultural work](#). *Australian Occupational Therapy Journal*, 58, 300-309.

Mayers, CA, Nilsson, A, Stamm, T, van Nes, F & Voigt-Radloff, S. (2008). [Survey of occupational therapy/occupational science research being undertaken within the European community](#). *The British Journal of Occupational Therapy*, 71, 17-22.

Among the happy consequences of our connected world, Dr. Christiansen mentions the growth of occupational therapy internationally and the increasing research being done by this international scientific community. There are so many studies that can be cited, we are providing only a few to whet your appetite.

Standardized assessment development and reliability or validity studies across different cultures have resulted in international collaborations. Here are four examples.

Eriksson, GM, Chung, JCC, Beng, LH, Hartman-Maeir, A, Yoo, E, Orellano, EM, van Nes, F & Baum, CM. (2011). [Occupations of older adults: a cross cultural description](#). *OTJR: Occupation, Participation and Health*, 31, 182-192.

Fallahpour, M, Jonsson, H, Joghataei, MT & Kottorp, A. (2011). [Impact on Participation and Autonomy \(IPA\): Psychometric evaluation of the Persian version to use for persons with stroke](#). *Scandinavian Journal of Occupational Therapy*, 18, 59-71.

Josman, N, Abdallah, TM & Engel-Yeger, B. (2011). [Using the LOTCA to measure cultural and sociodemographic effects on cognitive skills in two groups of children](#). *The American Journal of Occupational Therapy*, Online only.

Munkholm, M, Berg, B, Lèofgren, B & Fisher, AG. (2010). [Cross-regional validation of the school version of the Assessment of Motor and Process Skills](#). *The American Journal of Occupational Therapy*, 64, 768-775.

Theoretical models provide the impetus to expand and test their application around the world. Certainly the Model of Human Occupation (MOHO) is a prime example, and the list of such studies is long. The US Lifestyle Redesign® is another, while Hammell points out that "dominant theories of occupation

reflect specific Western perspectives . . . [and] . . . exhorts occupational scientists and occupational therapy's theorists to draw from a diversity of cultural perspectives" (2011. p. 27).

Bowyer, P, Bélanger, R, Briand, C, de las Heras, CG, Kinébanian, A, Launiainen, H, Marcoux, C, Mentrup, C, Morel-Bracq, MC, Nakamura-Thomas, H, Pan, AW, Tilgchelaar, E, Yamada, T, Ziv, N & Kielhofner, G . (2008). [International efforts to disseminate and develop the Model of Human Occupation](#). *Occupational Therapy in Health Care*, 22, 1-24

Hammell, KW. (2011).[Resisting theoretical imperialism in the disciplines of occupational science and occupational therapy](#). *The British Journal of Occupational Therapy*, 74, 27-33.

Mountain, GA & Craig, CL. (2011).[The lived experience of redesigning lifestyle post-retirement in the UK](#). *Occupational Therapy International*, 18, 48-58

Finally, a half dozen recently published research from different areas of the world.

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

Palmadottir, G. (2010). [The role of occupational participation and environment among Icelandic women with breast cancer: a qualitative study](#). *Scandinavian Journal of Occupational Therapy*, 17, 299-307

Silva, FCM, Sampaio, MC, Mancini, MC, Luz, MT & Alcãantara, MA. (2011). [A qualitative study of workers with chronic pain in Brazil and its social consequence](#). *Occupational Therapy International*, 18, 85-95.

Su, CY, Tsai, PC, Su, WL, Tang, TC & Tsai, AYJ. (2011).[Cognitive profile difference between Allen Cognitive Levels 4 and 5 in schizophrenia](#). *The American Journal of Occupational Therapy*, 65, 453-461. Note: Study was done in Taiwan.

Tzanidaki, D & Reynolds, F. (2011). [Exploring the meanings of making traditional arts and crafts among older women in Crete, using interpretative phenomenological analysis](#). *The British Journal of Occupational Therapy*, 74(8), 375-382.

Yamada, T, Kawamata, H, Kobayashi, N, Kielhofner, G & Taylor, RR. (2010).[A randomised clinical trial of a wellness programme for healthy older people](#). *The British Journal of Occupational Therapy*, 540-548. Note: Study was done with a community-dwelling Japanese population.

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Reviewers needed for OTJR

OTJR: *Occupation, Participation and Health* is seeking interested candidates to serve on a panel to review submissions and/or for openings on the Editorial Review Board. Review panelists will be responsible for reviewing from 3-5 articles per year. Members of the Editorial Review Board may be asked to review 2-3 submissions and providing advice and counsel to the Editor on matters related to journal policy, publication decisions, or other issues related to the general development and welfare of the journal.

Those interested should send their name, credentials, contact information along with a note about their clinical/research areas to the new editor, [Kathleen Matuska](#).

Remember AOTF

[Donate](#)

OTJR: *Occupation, Participation and Health* Fall 2011

We are almost there!

The Wilma L. West Library is embarking on [an exciting initiative to digitize](#) the original *Archives of Occupational Therapy*. These early journals (1922-1924) are the first writings of occupational therapy scientists and practitioners. Once digitized, the journals will be available for free to the public! Please support this initiative which AOTF hopes to be the first of many such projects by the Wilma L. West Library.

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Conference Announcements

[4th International Conference on Applied Human Factors and Ergonomics \(July 20-25, 2012 San Francisco\)](#)

The conference objective is to disseminate and exchange information on theoretical, generic, and applied areas of ergonomics, including physical ergonomics, cognitive ergonomics, social and organizational ergonomics, crosscultural aspects of decision making, ergonomics modeling and usability evaluation, human digital modeling, healthcare and special populations, safety and ergonomics in manufacturing, human factors in transportation, affective and pleasurable design, and human side of service engineering. Abstract deadline is **November 15, 2011**.

[Public Health and Disability](#)

The 2012 Pacific Rim International Conference on Disability & Diversity (March 26-27, 2012 Honolulu, Hawaii) is introducing the topic of public health to disseminate and harness the big ideas, evidence-based practices, and latest research on how public health can best serve and support persons with disabilities. Presentation deadline is **December 16, 2011**.

Online Resources

[Federal Government Seeks Input on Major Accessibility Issues Airline Websites and Airport Kiosk Accessibility](#)

Under the proposed rule, airlines would be required to make their websites accessible to persons with disabilities over a two-year period. Websites would be required to meet the standards for accessibility contained in the widely accepted Website Content Accessibility Guidelines. The proposal asks for comment on the cost and feasibility of retrofitting existing kiosks to make them accessible. The proposal is available on the Internet at www.regulations.gov, docket DOT-OST-2011-0177. In addition, the Department has partnered with Cornell University's eRulemaking Initiative (CeRI), [Regulation Room](#), designed to improve the public's ability to understand and participate in this rulemaking process.

The FCC has taken a critical first step in implementing a major part of the

[Twenty-First Century Communications and Video Accessibility Act of 2010](#). Manufacturers of communications services and equipment must make their services and equipment accessible to

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

[Perspectives on Family-Centered Intervention](#) Jane Case-Smith, EdD, OTR/L, FAOTA

FEATURE ARTICLES

[Leisure and Social Participation and Health-Related Quality of Life in Caregivers of Children With Autism](#) Sabrin Rizk, MS, OTR; Kris Pizur-Barnekow, PhD, OTR/L; Amy R. Darragh, PhD, OTR/L

[The Relationship Between Behaviors Associated With Sensory Processing and Parental Sense of Competence](#) Ellen Cohn, ScD, OTR/L, FAOTA; Teresa A. May-Benson, ScD, OTR/L; Alison Teasdale, BSc

[Occupations of Older Adults: A Cross Cultural Description](#) Gunilla M. Eriksson, OT (Reg.), PhD; Jenny C. C. Chung, OTR

people with disabilities. The FCC would like your feedback on several related issues. Submit your [comments](#) online by November 21, 2011. The FCC has also asked for [comments](#) on ways to update the voice-based 911 system to a Next Generation 911 system that would let people send texts, photos, videos and other data to 911 call centers. The FCC is also seeking [comments](#) on how to prioritize calls to 911 during emergencies, which are usually the times when wireless networks are the busiest and calls fail to go through. Submit your comments online by December 21, 2011.

Publications

[Cognitive Rehabilitation Therapy for Traumatic Brain Injury: Evaluating the Evidence](#)

The Institute of Medicine has released the conclusions of its study, requested by the Department of Defense, to determine the effectiveness of cognitive rehabilitation therapy (CRT) for treatment of traumatic brain injury (TBI). The report can be downloaded for free.

[New report finds children in rural areas face different health challenges](#)

Children in rural areas are more likely to face different challenges to their health and have less access to care when compared with children in urban areas, according to a new report from the [Health Resources and Services Administration \(HRSA\)](#). *The National Survey of Children's Health (NSCH): The Health and Well-Being of Children in Rural Areas: A Portrait of the Nation in 2007*, which is published every four years, examined the overall health of rural children in the United States from birth to 17 years. Technical appendices at the end of the book present information about the survey methodology and sample.

Grant Opportunities

[Extension of Expiration Dates for Several AHRQ Funding Opportunity Announcements \(FOAs\)](#)

The Agency for Healthcare Research and Quality (AHRQ) has extended the expiration dates for several AHRQ Funding Opportunity Announcements (FOAs) by one year.

[Grant on Differential Response in Child Protective Services](#)

The Quality Improvement Center on Differential Response in Child Protective Services re-released a Request for Applications for up to \$50,000 over 18 months to support a doctoral student in their research as it relates to differential response in child welfare. Applications are due on **January 16, 2012** and the award announcement will be made in March.

[Innovations for Health: Solutions that Cross Borders](#)

The Pioneer Portfolio at the Robert Wood Johnson Foundation (RWJF) is partnering with Ashoka Changemakers to launch Innovations for Health: Solutions that Cross Borders, a competition to find cutting-edge health care solutions from anywhere in the world that have the potential to be applied in other countries. Entries accepted through **February 13, 2012**, 5:00 p.m. ET. Early entry deadline: **December 12, 2011** 5:00 p.m. ET

PhD; Lim Hua Beng, OT, MOccThy, BAppSc(Hons)(OT); Adina Hartman-Maeir, OT, PhD; Eunyoung Yoo, OT, PhD; Elsa M. Orellano, PhD, OTR/L, ATP; Fenna van Nes, MSc OT; Desleigh de Jonge, Occ Thy M Phil (Occ Thy); Carolyn M. Baum, PhD, OTR/L, FAOTA

[The Meaning of Leisure for Older Adults Living With Vision Loss](#) Sue Berger, PhD, OTR/L, BCG, FAOTA

[Occupational Gaps in Everyday Life After Stroke and the Relation to Functioning and Perceived Life Satisfaction](#) Mandana Fallahpour, Reg. OT; Kerstin Tham, Reg. OT, PhD; Mohammad Taghi Joghataei, PhD; Gunilla Eriksson, Reg. OT, PhD; Hans Jonsson, Reg. OT, PhD

[Experiencing Therapy Through Doing: Making Quilts](#) Virginia A. Dickie, PhD, OTR/L, FAOTA

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[The Institute of Medicine \(IOM\) and the National Academy of Engineering \(NAE\) Second Annual Go Viral to Improve Health Data Collegiate Challenge](#)

Interdisciplinary teams of students will have an opportunity to utilize the abundance of available health data to develop effective, innovative, new applications that take on the nation's pressing health issues. \$10,000 in prize money will be awarded to the Challenge winners. Teams can register between now and **February 10, 2012**.

[Foundation Announces \\$100,000 Developer Challenge](#)

The Robert Wood Johnson Foundation (RWJF) has announced an Aligning Forces for Quality (AF4Q) \$100,000 "app challenge"-a competition among technology developers to create easy-to-use online tools that help consumers find information on the quality of their local physicians and hospitals. Data to fuel the app will come from RWJF's Aligning Forces for Quality initiative, the Foundation's signature effort to improve the quality of health care in 16 targeted communities nationwide. The deadline for entry submission for phase one is **December 31, 2011**.

AOTF Institute Image of the Month

From the [Archives of the AOTA](#), housed in the AOTF Wilma L. West Library.



US soldier modeling clay, 1946.

The AOTF Institute makes this image, as well as the [Guide to the Archives of the AOTA](#), available publicly as part of its mission to honor the past and be the best possible steward of the unique body of knowledge that is occupational therapy. To this end, the AOTF Institute warmly welcomes individuals from wUS soldier modeling clay, 1946.ithin and beyond occupational therapy to explore the guide and use the archives for purposes of research, education, and leadership.

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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.