



AOTF THE AMERICAN
OCCUPATIONAL THERAPY
FOUNDATION

1965-2015

Celebrating fifty years of advancing the science of occupational therapy

July/August 2014

AOTF Research Resources



Warm Greetings to Research Resources colleagues!

As part of the preparations for our 50th anniversary in 2015, AOTF revitalized our mission (advance the science of occupational therapy to support people's full participation in meaningful life activities) and vision (a vibrant science that builds knowledge to support effective, evidence-based occupational therapy).

This renewed focus to our work requires frequent pauses to determine what is most needed to advance the science of occupational therapy. Identifying what is most needed is necessary because a foundation like AOTF can only do so much. Warren Buffett is quoted as saying:

The difference between successful people and very successful people is that very successful people say 'no' to almost everything.

Although this is perhaps a hard line to swallow for occupational therapy professionals who like to help everyone, I believe there is a lot of truth in this statement and it applies particularly well to research foundations like AOTF. So our AOTF initiatives need to be strategic investments that build occupational therapy knowledge and our capacity for future research.

How does AOTF's Institute for the Study of Occupation and Health make decisions regarding its priorities and initiatives? A few of our resources are highlighted here:

* The AOTF Research Commission, an international advisory group of scientists and thought leaders that represent diverse areas of practice and perspectives, provide recommendations to the AOTF board and director of research.

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* The AOTF Academy of Research, a distinguished body of researchers who have made exemplary and distinguished contributions toward the science of occupational therapy, provide input on specific initiatives.

* The AOTF Director of Research and other AOTF staff conduct ongoing environmental scanning of trends in research and national priorities for science initiatives related to occupational therapy.

Team science has been noted as an important development that entails the formation of large, cross-disciplinary teams to achieve the aims of research. The research team may be multidisciplinary, interdisciplinary, or trans-disciplinary and vary in terms of its disciplinary composition, goals for research, and the desired level of integration across disciplines ([Stokols, Hall, Taylor, and Moser, 2008](#)). It is exciting to see occupational therapists as members of these research teams that have a singular focus of building knowledge to improve people's lives. This issue of *Research Resources* highlights just a few examples of publications from grant-funded cross-disciplinary research teams that included an occupational therapist.

Our Intervention Research Grant (IRG) Program encourages team science by enabling researchers to lay the foundation for larger intervention studies and future funding. We hope you will make an investment in this AOTF initiative by providing financial support to the IRG Program. The profession and people we serve will realize the dividends from your support. The online donation site at www.aotf.org is always open and secure.

We invite our readers to submit research opportunities to our Communications Associate [Helene Ross](#) for publication in the next edition of *Research Resources*. As always, we thank you for the news alerts you share with us, your ideas on ways we can improve this monthly newsletter, and your financial support of AOTF.

Warm regards,



Julie D. Bass, PhD, OTR/L, FAOTA
Associate Director, Institute for the Study of Occupation and Health
Director of Research
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Resource Notes:

Team Science and Team Work

My relationship with AOTF began over twenty-five years ago. During that time, AOTF created programs to support occupational therapy practitioners earn doctorate degrees, learn how to do or use research, publish this research in non-occupational therapy periodicals, compete successfully in the grant funding world, find the language to communicate the profession's philosophy to members of other disciplines, and demonstrate the importance of the role of occupational therapy practitioners on interdisciplinary teams addressing society's health needs. With all that effort behind it, the occupational therapy profession was ready to take its place in team science.

Here are ten examples of research studies with one or more occupational therapy practitioners/researchers on the team. My criteria were those of a librarian customizing the retrieval to fit the consumer's request. The articles were published recently and in non-OT journals. The source of the grant support was from a major funding source, and the authors' credentials were



AOTF will celebrate its
50th Anniversary at the AOTA
2015 Annual Conference.

Watch for details of a tour of
Nashville on Wednesday April 15,
Breakfast with a Scholar and State
of the Science on Friday, April 17
and our celebratory Gala in the
Conservatory of the Country Music
Hall of Fame and Museum Friday
evening, April 17.

**OTJR is now indexed
in
MEDLINE/PubMed**

OTJR Seeks Articles

OTJR: Occupation, Participation and Health, a peer-reviewed journal, 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).

OTJR: Occupation, Participation and Health: Summer 2014

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

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

published. This list could have been much longer! Sure, there's a lot of work still to be done but celebrate how far the profession has traveled. [Read more.](#)

Mary Binderman, MSLS
The Wilma L West Library
American Occupational Therapy Foundation

Funding Opportunities

Patient-Centered Outcomes Research Institute (PCORI) Fall Funding Cycle Opens

[PCORI Funding Application System](#) opens August 6, 2014. PCORI has approved 313 awards to advance patient-centered comparative clinical effectiveness research projects to date. Several [improvements](#) to the funding announcements have been made.

AAHD Frederick J. Krause Scholarship on Health and Disability)

[The American Association on Health and Disability](#) created this scholarship for undergraduate (junior/senior status) and graduate students with disabilities who are majoring in a field related to disability and health. Applications are due **November 15, 2014**.

Justus Lehmann Research Grant Application

[The Foundation for Physical Medicine and Rehabilitation](#) is now accepting applications for research related to biomechanics/biophysics in the field of physical medicine and rehabilitation. One grant of \$10,000 will be made. All applications must be postmarked by **November 1, 2014**.

Editorial

[OTJR: Occupation, Participation and Health Now Indexed by the National Library of Medicine](#)

Kathleen Matuska, PhD, OTR/L,
FAOTA

Feature Articles

[Translation and Cross-Cultural Adaptation of the Perceived Efficacy and Goal Setting System \(PEGS\): Results from the First Austrian-German PEGS Version Exploring Meaningful Activities for Children](#)

Ursula M. Costa, MA (OT), PhD (PH)

[Family Caregiving for Husbands with Stroke: An Occupational Perspective on Leisure in the Stress Process](#)

Kathy Kniepmann, OTD, MPH, EdM,
OTR/L, CHES

[What Is Occupational Therapy's Role In Addressing Sleep Problems Among Older Adults?](#)

Natalie E. Leland, PhD, OTR/L, BCG,
FAOTA; Nicole Marcione, BS; Stacey L. Schepens Niemiec, PhD, OTR/L;
Kaivalya Kelkar, MA; Don Fogelberg,
PhD, OTR/L

[Occupational Needs and Intervention Strategies for Military Personnel with Mild Traumatic Brain Injury and Persistent Post-Concussion Symptoms: A Review](#)

Alison M. Cogan, MA, OTR/L

[The Correlation Between Physical Activity and Grade Point Average for Health Science Graduate Students](#)

Eugenia C. Gonzalez, PhD, OTR; Erika C. Hernandez, OTR/L; Ambrosia K. Coltrane, OTR/L; Jayme M. Mancera, OTR/L

Doctoral, Post-Doctoral and Research Training Opportunities

Training in Grantsmanship for Rehabilitation Research (TIGRR) (January 13-17, 2015, Charleston, South Carolina)

The [TIGRR workshop](#) builds upon the successful model used by the Enhancing Rehabilitation Research in the South (ERRIS) workshops that resulted in many junior investigators receiving NIH, NIDRR and VA level research and career development funding. Unlike passive seminars on grant writing, selected mentees will come prepared to complete at least the specific aims for a grant proposal for submission to the NIH or other similar scale funding agency. Applications are accepted until **September 1, 2014**.

Interprofessional Fellowship Program In Psychosocial Rehabilitation and Recovery Oriented Services -- Durham Veterans Affairs Medical Center, Durham, North Carolina

The Fellowship Program is a state-of-the-art clinical training program that focuses on the theory and practice of psychosocial rehabilitation. For more information about the 2014-2015 openings, contact [Julie McCormick](#), LCSW, PSR Fellowship Co-Director.

Postdoctoral Fellowship in Primary Care - Health Behavior Change Research at the Medical College of Wisconsin

The Medical College of Wisconsin Department of Family and Community Medicine (DFCM) and Center for Healthy Communities and Research announce a [two-year post-doctoral Primary Care Research Fellowship](#) position for social and behavioral scientists seeking to prepare for an academic medicine career with a focus on examining and modifying the influence of behavioral factors on health trajectories of primary care populations in and around the many medically underserved areas of Wisconsin. The position consists of a blend of didactic and training experiences, community-engaged research, clinical exposure and teaching. Contact [Tess Chandler](#).

Doctoral Fellowship: PhD in Occupation and Rehabilitation Science

[The New Start for Student Veterans program](#) at the Colorado State University provides educational and community-based supports for post-9/11 veterans with significant disabilities seeking college degrees. A comprehensive research and development program has been initiated which integrates evidence-based intervention programs fostering resilience and enhanced academic and participation outcomes for student veterans. In offering a [PhD in Occupation and Rehabilitation Science](#), the [Department of Occupational Therapy](#) faculty intend to integrate occupational science and rehabilitation science: two highly synergistic academic areas. For more information see the [program flyer](#) and direct inquiries to [Dr. Aaron M. Eakman](#). Application deadline: **February 2, 2015** but applicants are encouraged to apply early.

Equine-Assisted Activities and Therapy Doctoral Fellowship

This [interdisciplinary PhD program](#) in Occupation and Rehabilitation Science at Colorado State University focuses on the study of human performance and participation in everyday occupations and contexts across the lifespan. This mentored doctoral fellowship will support in-depth immersion of a doctoral student in the study of the efficacy of equine-assisted activities and therapy in relationship to participation in everyday occupations. Applicants are asked to contact [Dr. Wendy Wood](#) in advance of the **February 1, 2015** deadline.

Boston University School of Public Health, Boston Rehabilitation Outcomes Center

[Post-Doctoral Fellowship in Rehabilitation Outcomes Measurement Research](#) is funded by the National Institute on Disability and Rehabilitation Research (NIDRR),

Rehabilitation Institute of Chicago: Rehabilitation Fellowships

[This program](#) seeks to fund engineers and biologists in advanced techniques for rehabilitation research. The program includes opportunities for training in advanced prosthetics/orthotics engineering.

Kessler Foundation Research Center, Department of Physical Medicine and Rehabilitation

The purpose of this [Rehabilitation Research Training Program](#) is to train individuals in clinical research whose ultimate goal is to improve the rehabilitation outcomes for traumatic brain injury, multiple sclerosis, stroke, spinal cord injury, and other neurological and physical impairments.

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Online Resources

Hearing Loss and Healthy Aging - Workshop Summary

On January 13-14, 2014, the IOM and the National Research Council held a workshop to examine the ways in which age-related hearing loss affects healthy aging, and how public and private stakeholders can work together to address hearing loss in older adults as a public health issue. This [document summarizes](#) the workshop.

Strategies for Scaling Effective Family-Focused Preventive Interventions to Promote Children's Cognitive, Affective, and Behavioral Health - Workshop Summary

The Forum on Promoting Children's Cognitive, Affective, and Behavioral Health convened its first workshop on Strategies for Scaling Tested and Effective Family-Focused Preventive Interventions to Promote Children's Cognitive, Affective, and Behavioral Health on April 1-2, 2014 in Washington, DC. The workshop featured presentations on and discussion of successes and challenges experienced by developers and implementers of family-focused preventive interventions that have been successfully brought to scale; considerations related to the

implementation of preventive programs in settings -- such as pediatric practices and schools -- that are emerging as important points of intervention; and the role of intermediary organizations in scale-up, among other topics. This [document summarizes](#) the workshop.

The Current State of Obesity Solutions in the United States - Workshop Summary

In 2013, the IOM formed the Roundtable on Obesity Solutions to engage leadership from multiple sectors in addressing the obesity crisis. The roundtable's membership includes representatives of public health, health care, government, the food industry, education, philanthropy, the nonprofit sector, and academia. On January 7, 2014, the roundtable held its first public workshop where presenters described interventions designed to prevent and treat obesity in different settings. This [document summarizes](#) the workshop.

Keep Up With NIH Grants Administration Changes

The [NIH grants policy page](#) is now has an interactive timeline of upcoming changes in grants administration.

Promoting Research Integrity: Building the Foundation of Trust

NIH has recently updated their [website on research integrity](#), and now lists resources and updated information on a variety of NIH initiatives that promote research integrity as well as comprehensive information on research misconduct.

Special Studies: Current Population Reports

[This report](#), by Loraine A. West, Samantha Cole, Daniel Goodkind, and Wan He, draws upon Census data and examines a range of topics concerning the population aged 65 and older in five chapters: Growth of the Older Population; Longevity and Health; Economic Characteristics; Geographic Distribution; and Social and Other Characteristics.

I Can Do It, You Can Do It! Webinar Series

The President's Council on Fitness, Sports & Nutrition is excited to announce a new webinar series on [I Can Do It, You Can Do It! \(ICDI\)](#), a mentoring model that promotes regular physical activity and healthy eating behaviors for children and adults with disabilities! Webinars will cover a range of topics to help establish ICDI in your own school or community.

Women of Color Research Network

[WoCRn](#) offers support, information, and networking opportunities to women from diverse backgrounds, their mentors, and others in the research community. The network is for women of color as well as everyone who values diversity in the scientific workforce. Started in 2011 by the Women of Color Committee of the NIH Working Group on Women in Biomedical Careers, it's already up to 1,200 members. *Submitted by AOTA.*

Free Webinars on TBI and Psychological Health

The Defense Centers of Excellence for Psychological Health and Traumatic Brain Injury (DCoE) hosts free monthly webinars on topics related to psychological health and TBI. See their [website](#) for more information and a list of all 2014 webinars.

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Conference Announcements

Australian Cardiovascular Health and Rehabilitation Association (ACRA) (August 21-23, 2014, Sydney, Australia)

The [Annual Scientific Meeting](#) is the ACRA's major forum for the exchange of ideas and for discussion around clinical and research issues.

Specialty Conference: Effective Documentation - The Key to Payment & Articulating Our Distinct Value (September 12-13, 2014, Alexandria, Virginia)

For more information see the [AOTA web site](#).

American Society of Hand Therapists (ASHT) Annual Meeting (September 18-20, 2014, Boston, Massachusetts)

With a theme of [Tradition Meets Tomorrow](#), this program will consider how our past will inform our future: from traditional concepts to new ideas, evidence-based practice to clinical application.

American Public Health Association: 2014 Annual Meeting and Exposition (November 15-19, 2014, New Orleans, Louisiana)

[Healthography](#): How where you live affects your health and well-being.

International Stroke Conference (February 11-13, 2015, Nashville, Tennessee)

The International Stroke Conference features more than 1,500 presentations that emphasize basic, clinical and translational sciences as they evolve toward a more complete understanding of stroke pathophysiology with the overall goal of developing more effective prevention and treatment.

AOTA Annual Conference (April 16-19, 2015, Nashville, Tennessee)

Join thousands of OT colleagues for [educational sessions and institutes](#).

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Resource Notes Continued

Research teams with one or more occupational therapist.

Belchior P, Marsiske M, Sisco SM, Yam A, Bavelier D, Ball K, Mann WC. (2013 Jul 1). [Video game training to improve selective visual attention in older adults](#). *Computers in Human Behavior*, 29, 1318-1324.

Patrícia Belchior, PhD; Michael Marsiske, PhD; Shannon M Sisco, PhD; Anna Yam, MS; Daphne Bavelier, PhD; Karlene Ball, PhD and William C Mann, PhD, OTR/L.

Grant Support

This research was supported by the National Institute on Disability and Rehabilitation Research Grant H133E010106 awarded to W.C.M. Patricia Belchior's work on the manuscript was also supported by a Supplement to Enhance Diversity Grant U01-AG-014276-S1 to M.M. Anna Yam was supported, in part, by National Institute on Aging Training Grant T32 AG020499 to M.M. Additional study support in the form of discounted software licenses was provided by Systems Technology Inc. (<http://www.stisimdrive.com/>) of Hawthorne, CA.

Bryden, AM, Peljovich, AE, Hoyen, HA, Nemunaitis, G, Kilgore, KL & Keith, MW. (2012). [Surgical restoration of arm and hand function in people with tetraplegia](#). *Topics in Spinal Cord Injury Rehabilitation*, 18, 43-49.

Anne M. Bryden, OTR/L; Allan E. Peljovich, MD, MPH; Harry A. Hoyen, MD; Gregory Nemunaitis, MD; Kevin L. Kilgore, PhD and Michael W. Keith, MD.

Grant Support

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Callahan, CM, Boustani, MA, Schmid, AA, Austrom, MG, Miller, DK, Gao, S, Morris, CS, Vogel, M & Hendrie, HC. (2012). [Alzheimer's disease multiple intervention trial \(ADMIT\): study protocol for a randomized controlled clinical trial](#). *Trials*, 2012 Jun 27;13:92.

Christopher M Callahan, MD; Malaz A. Boustani, MD; Arlene A Schmid, PhD, OTR; Mary G. Austrom, PhD; Douglas K Miller, MD; Sujuan Gao, PhD; Carrie C Morris, OT; Mickey Vogel, NP and Hugh C Hendrie, MD.

Grant Support

R01 AG034946/AG/NIA NIH HHS/United States

R01 AG034946/AG/NIA NIH HHS/United States

Chafetz, RS, Gaughan, JP, Calhoun, C, Schottler, J, Vogel, LC, Betz, R & Mulcahey, MJ. (2013). [Relationship between neurological injury and patterns of upright mobility in children with spinal cord injury](#). *Topics in Spinal Cord Injury Rehabilitation*, 19, 31-41.

Ross S. Chafetz, PT, PhD, DPT, MPH; John P. Gaughan, PhD; Christina Calhoun, MSPT; Jennifer Schottler, MS, PT; Lawrence C. Vogel, MD; Randal Betz, MD and M.J. Mulcahey, PhD, OTR/L.

Grant Support

The study was funded by the Shriners Hospitals for Children Research Advisory Board grant 8956 (M.J. Mulcahey, PI).

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Hui-Ju Chang, PT, PHD; Lisa S Chiarello, PT, PhD, PCS; Robert J. Palisano, PT, ScD; Margo N Orlin, PT, PHD; Anita Bundy, ScD, OTR and Edward J. Gracely, PhD.

Grant Support

MOP-81107/Canadian Institutes of Health Research/Canada

Heinemann, AW, Magasi, S, Bode, RK, Hammel, J, Whiteneck, GG, Bogner, J and Corrigan, JD. (2013). [Measuring enfranchisement: importance of and control over participation by people with disabilities](#). *Archives of Physical Medicine and Rehabilitation*, 94, 2157-2165.

Allen W. Heinemann, PhD; Susan Magasi, PhD, MS, BScOT, BSc; Rita K. Bode, PhD; Joy Hammel, PhD, OTR/L; Gale G. Whiteneck, PhD; Jennifer Bogner, PhD and John D. Corrigan, PhD

Grant Support

H133B040032/PHS HHS/United States

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Eric J. Lenze, MD; Helen H. Host, PT, PhD; Mary Hildebrand, OTD, OTR/L; Nancy Morrow-Howell, PhD, MSW; Brian Carpenter, PhD; Kenneth E. Freedland, PHD; Carolyn M. Baum, PhD, OTR/L and Ellen F. Binder, MD.

Grant Support

R34 MH083868/MH/NIMH NIH HHS/United States

Rodakowsk, J, Skidmore, ER, Anderson, SJ, Begley, A, Jensen, MP, Buhule, OD and Boninger, ML. (2014). [Additive effect of age on disability for individuals with spinal cord injuries](#). *Archives of Physical Medicine and Rehabilitation*, 95, 1076-1082.

Juleen Rodakowski, OTD, OTR/L; Elizabeth R. Skidmore, PhD, OTR/L; Stewart J. Anderson, PhD; Amy Begley, MA; Mark P. Jensen, PhD; Olive D. Buhule, MS and Michael L. Boninger, MD

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T32 MH019986/MH/NIMH NIH HHS/United States
T32 MH019986/MH/NIMH NIH HHS/United States
UL1 TR000005/TR/NCATS NIH HHS/United States

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Arlene A. Schmid, PhD, OTR; Marieke Van Puymbroeck, PhD, CTRS; Peter A. Altenburger, PhD, PT; Kristine K. Miller, PhD, PT; Stephanie A. Combs, PhD, PT and Stephen J. Page, PhD, MS, S/OT.

Grant Support

RR025761/RR/NCRR NIH HHS/United States

Toto, PE, Raina, KD, Holm, MB, Schlenk, EA, Rubinstein, EN & Rogers, JC. (2012). [Outcomes of a Multicomponent Physical Activity Program for Sedentary, Community-Dwelling Older Adults](#) *Journal of Aging and Physical Activity*, 20, 363-378.

Pamela E Toto, PhD, OTR/L; Margo B Holm, PhD, OTR/L; Elizabeth A Schlenk, PhD, RN; Elaine A Rubinstein, PhD; Joan C Rogers, PhD, OTR/L.

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About Us

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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