



May 2014

## AOTF Research Resources



Greetings to *AOTF Research Resources* colleagues:

Mother's Day is on May 11 this year. One definition of mother is the maternal tenderness or affection given to another person. I like this definition because it emphasizes mothering at its best. This kind of mother is helpful across the lifespan and on Mother's Day we have the opportunity to pay tribute to the many women who have this role in our lives. In this issue of *Research Resources*, our Wilma L. West Library staff highlight research on mothers and mothering and their contributions to our understanding of occupations, health, participation, and well-being.

In the coming months, we will be reaching out to many of you in anticipation of the 50th anniversary of the American Occupational Therapy Foundation. We have come a long way in our mission to advance the science of occupational therapy to support people's full participation in meaningful life activities. We are now positioned to accelerate our efforts to realize the profession's Centennial Vision to be science-driven and evidence-based.

We are also happy to announce that our peer-reviewed research journal, *OTJR: Occupation, Participation and Health*, is now indexed in MEDLINE/PubMed. Please join me in congratulating the *OTJR* editorial team and Mindy Hecker, the AOTF director of information resources and the Wilma L. West Library.

We hope you will take this moment to honor your occupational therapy mentors and the researchers who led the way for our profession. Your generous contribution will build knowledge and research capacity for the

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next generation of scientists in occupational therapy. If 5,000 readers of *Research Resources* give \$100 for intervention research grants this year, we can provide 10 additional awards next year. Imagine the potential impact if AOTF could provide intervention research grants in all our areas of need for occupational therapy research. The online donation site at [www.aotf.org](http://www.aotf.org) is always open. In addition, AOTF is now part of the AmazonSmile nonprofit program. Tell your friends, colleagues, and occupational therapy students to make their Amazon purchases using the [AmazonSmile](#) link. Amazon will donate 0.5% of the price of eligible AmazonSmile purchases to the American Occupational Therapy Foundation.

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:

**The occupation of mothering a child with a disability or the experience of mothering while coping with disease or disability**

In 1914, [President Woodrow Wilson](#) signed a proclamation that made the second Sunday in May national Mother's Day. This was not a new idea, as there have been [celebrations of mothers or motherhood](#) in many cultures dating back to the early Greeks and Romans.

The majority of the studies reported in the articles below are looking at how the presence of a child with a disability impact family occupations, particularly mothers' occupations and time use (Hon, Sun, Suto & Forwell [2011] and Hsieh & Lo [2013], Bagby, Dickie, & Baranek [2012], Bourke-Taylor, Law, Howie, & Pallant [2012] and Crowe, & Michael, [2011]). Dr. Mary Law and colleagues (2013) and Ms. Kylie Marquenie and her colleagues (2011) looked at the occupations and routines of children with disabilities in the context of family life. Three articles report on a coaching intervention (Foster, Dunn, & Lawson [2013], Graham, Rodger & Ziviani [2013] and Dunn, Pfeiffer, Cox, Foster, Mische-Lawson & Tanquary, [2012]). Poole, Hare, KS, Turner-Montez, & Mendelson (2014) and Smith, Suto, Chalmers & Backman (2011) look at the occupation of mothering by women coping with chronic disease. Finally, Turner, Cohn, & Koomar (2012) study the occupation of mothering when both mother and child have sensory processing challenges.

I'm "studying" my daughter as she mothers an active five-year-old son and a curious, blossoming nine-month-old daughter. When everything is going well, mothering is an engaging and exhausting occupation. Add to the usual activities, medical appointments or other treatment sessions and the additional care needed by children with disabilities, parenting must be overwhelming. Mothers and fathers of children with disabilities



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

Watch this space for details.

**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: Spring 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](#).

## Guest Editorial

[Elevating the Quality of Disability and Rehabilitation Research: Mandatory Use of the Reporting Guidelines](#)

Leighton Chan, MD, MPH; Allen W. Heinemann, PhD; Jason Roberts,

have my profound admiration.

[Read more.](#)

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

## Online Resources

### Autism Science Foundation (ASF) TED-style Talks on the Science of Autism

On April 10, ASF hosted a "Day of Learning" featuring the autism community's first TED-style science conference. Presentations by eight experts in the autism field, including NCBDDD's Dr. Catherine Rice, are now available on the [ASF website](#).

### Meet the Scientist Webinar Series

[Every month](#) a different scientist is featured. See [website](#) for recordings of past webinars.

### 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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### Feature Articles

[Exploring the Complexities of Promoting Health in Families in an Obesogenic Environment](#)

Laura Schmelzer, PhD, MOT, OTR/L;  
Sheama Krishnagiri, PhD, OTR/L,  
FAOTA

[Participation Changes in Sexual Functioning After Mild Stroke](#)

Lisa M. Seymour, MS, OTD; Timothy J. Wolf, OTD, MSCI, OTR/L

[The Impact of Autism Services on Mothers' Occupational Balance and Participation](#)

Sandra Hodgetts, PhD, OT; David McConnell, PhD, OT; Lonnie Zwaigenbaum, MD; David Nicholas, PhD, RSW

[A Prospective Longitudinal Study Testing Relationships Between Meaningful Activities, Basic Psychological Needs Fulfillment, and Meaning in Life](#)

Aaron M. Eakman, PhD, OTR

[An Examination of Occupation-Based, Client-Centered, Evidence-Based Occupational Therapy Practices in New Hampshire](#)

Shelley Mulligan, PhD, OTR/L;  
Barbara Prudhomme White, PhD,  
OTR/L; Sajay Arthanat, PhD, OTR/L,  
ATP

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## Educational Opportunities

### Webinar Series on Research Funding Opportunities

The National Center for Special Education Research (NCSER) and the National Center for Education Research (NCER) within the Institute of Education Sciences (IES) host a [series of webinars](#) related to research funding opportunities.

- Basic Overview: Tuesday, May 20, 2014, 1:00-2:30 p.m. ET.
- Grant Writing Workshop for Minority Serving Institutions: Tuesday, May 27, 2014, 2:00-3:30 p.m. ET.
- Early Career Investigators: Wednesday, May 28, 2014, 2:00-3:30 p.m. ET.
- Grant Writing Workshop: Thursday, May 29, 2014, 2:00-3:30 p.m. ET.
- Overview of Researcher-Practitioner Partnerships in Education Research: Thursday, June 5, 2014, 2:00-3:30 p.m. ET.
- Application Submission Process: Wednesday, June 11, 2014, 2:00-3:30 p.m. ET.

- Application Submission Process: Wednesday, June 25, 2014, 2:00-3:30 p.m. ET.

### HRSA Maternal and Child Health (MCH) Research Information and Webinar

Information on MCH funded projects, funding opportunities, and a webinar: More Than Pretty Pictures: From GIS to Spatial Analysis in MCH: Wednesday, May 14, 2014 2:30-3:30 p.m. ET can be found on the [MCH website](#).

### Measuring Rehabilitation Outcomes in Older Adults (July 25, 2014, Chicago, Illinois)

[This one-day course](#) will provide an in-depth look at integrating measurement into clinical practice. Led by researchers and educators from the Rehabilitation Institute of Chicago, Washington University, and the University of Illinois-Chicago, this course is for rehabilitation clinicians, educators, and fieldwork coordinators in the field of physical medicine and rehabilitation who desire to foster the development of skills in measuring rehabilitation outcomes.

## Doctoral, Post-Doctoral and Research Training Opportunities

### National Space Biomedical Research Institute's (NSBRI) First Award Program

NSBRI, funded by NASA, is a consortium of institutions studying the health risks related to long-duration spaceflight and developing the medical technologies needed for long missions. The [two-year fellowships](#) are available in any U.S. laboratory carrying out space-related biomedical or biotechnological research. Applicants are required to submit proposals with the support of a mentor and an institution. This year's applicants can also request to spend part of the fellowship in Russia, via a program involving NSBRI and the Institute of Biomedical Problems of the Russian Academy of Sciences in Moscow. [Detailed program and application submission information](#) is available. The application deadline is **June 6, 2014**. Questions may be directed to [Dr. Amanda Smith Hackler](#).

### 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. Fakman](#). 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.

### Fellowships for University-Based Doctoral Candidates and Faculty for Research in Child Maltreatment

This [funding opportunity announcement \(FOA\)](#) will provide funds for 24-month fellowships in blocks to eligible institutions to support doctoral candidates who demonstrate a strong commitment to the study of child maltreatment, and faculty who will conduct research on critical issues in child abuse prevention and treatment and provide mentorship to the emerging scholars. Each block must consist of one faculty member and up to two students. HHS-2014-ACF-ACYF-CA-0803 Application due date: **June 9, 2014**.

### 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),

### National Multiple Sclerosis Society: Mentor-Based Postdoctoral Fellowship in Rehabilitation Research

[This program](#) provides support for a mentor-institution combination which is responsible for the recruitment,

selection, and training of postdoctoral fellows to pursue a career in rehabilitation research applied to MS and similar disorders. Deadline: **August 6, 2014.**

### 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.

### Developing Behavioral Interventions: A Summer Research Institute (June 11-13, 2014, Johns Hopkins University School of Nursing, Baltimore, Maryland)

[Participants](#) will develop testable interventions that have the potential for implementation in practice environments and advance appropriate trial designs.

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## Call for Research Proposals

### Department of Defense Peer-Reviewed Orthopaedic Research Program Funding Opportunities for Fiscal Year 2014

The FY14 Defense Appropriations Act provides \$30 million (M) to the Department of Defense Peer Reviewed Orthopaedic Research Program (PRORP) to support research focused on optimizing recovery and restoration of function for military personnel with orthopaedic injuries sustained in combat or combat-related duties. Watch [Grants.gov](#) for the Program Announcement and submission instructions.

## Publications

### New NCBDDD Report on Autism Spectrum Disorder (ASD)

New data from NCBDDD's Autism and Developmental Disabilities Monitoring (ADDM) Network show that the estimated number of children identified with autism spectrum disorder continues to rise (1 in 68 children were identified with ASD) and the picture of ASD in communities has changed.

[Prevalence of Autism Spectrum Disorder among Children Aged 8 Years - Autism and Developmental Disabilities Monitoring Network, 11 Sites, United States, 2010.](#) Surveillance Summaries March 28, 2014 63(SS02);1-21.

## Call for Conference Proposals

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

[Call for Papers:](#) May 28, 2014 - June 23, 2014.

### 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. [Call for abstracts opens](#) May 21, 2014.

### International Symposium on Minority Health and Health Disparities (December 1-3, 2014, National Harbor, Maryland)

The theme of the symposium is "Transdisciplinary Collaborations: Evolving Dimensions of US and Global Health Equity." The scientific program will highlight the excellence and innovation in basic, translational, and clinical research from the programs supported by the National Institute on Minority Health and Health Disparities (NIMHD). [Call for abstracts closes](#) June 2, 2014.

## 6th Annual Health Literacy Research Conference HARC VI (November 3-4, 2014, Bethesda, Maryland)

The [aim of this conference](#) is to attract a full range of investigators engaged in health literacy research including faculty involved in a broad array of public health, health services, epidemiology, social sciences, translational, and interventional research activities. [Deadline for submissions](#): July 11, 2014.

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## Conference Announcements

### RESNA (Rehabilitation Engineering and Assistive Technology Society of North America) (June 11-15, 2014, Indianapolis, Indiana)

Designed by and for people passionate about the use of assistive technology to improve the health and well-being of people with disabilities, [RESNA 2014](#) offers educational sessions, scientific paper sessions, posters, three plenary sessions with internationally-recognized speakers, and a large exhibit hall.

### 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 and OT.

### 30th Pacific Rim International Conference on Disability and Diversity, (May 19-20, 2014, Honolulu, Hawaii)

#### Pacific Rim International Forum on the Rights of Persons with Disabilities, (May 17, 2014, Honolulu, Hawaii)

Learn from Yesterday. Live for Today. Envision Tomorrow. [The Pac Rim conference](#) encourages and respects voices from "diverse" perspectives including: people with disabilities; family members and supporters, educators, policy makers and more.

### 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.

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## Resource Notes Continued

Bagby, MS, Dickie, VA & Baranek, GT. (2012). [How sensory experiences of children with and without autism affect family occupations](#). *The American Journal of Occupational Therapy*, 66, 78-86.

Bourke-Taylor, H, Law, M, Howie, L, & Pallant, JF. (2012). [Initial development of the Health Promoting Activities Scale to measure the leisure participation of mothers of children with disabilities](#). *The American Journal of Occupational Therapy*, 66, e1-e10.

Crowe, TK & Michael, HJ. (2011). [Time use of mothers with adolescents: a lasting impact of a child's disability](#). *OTJR: Occupation, Participation and Health*, 31, 118-126.

Dunn, W, Pfeiffer, B, Cox, J, Foster, L, Mische-Lawson, L & Tanquary, J. (2012). [Impact of a contextual](#)

[intervention on child participation and parent competence among children with autism spectrum disorders: A pretest-posttest repeated-measures design](#). *The American Journal of Occupational Therapy*, 66, 520-528.

Foster, L, Dunn, W, & Lawson, LM. (2013). [Coaching mothers of children with autism: a qualitative study for occupational therapy practice](#). *Physical and Occupational Therapy in Pediatrics*, 33(2):253-63.

Graham, F, Rodger, S, & Ziviani, J. (2013). [Effectiveness of occupational performance coaching in improving children's and mothers' performance and mothers' self-competence](#). *The American Journal of Occupational Therapy*, 67, 10-18.

Hon, C, Sun, P, Suto, M & Forwell, SJ. (2011). [Moving from China to Canada: Occupational transitions of immigrant mothers of children with special needs](#). *Journal of Occupational Science*, 18, 223-236.

Hsieh, YL & Lo, JL. (2013). [Occupational experiences and subjective well-being of mothers of children with ASD in Taiwan](#). *Occupational Therapy International*, 20, 45-53.

Law, M, Anaby, D, Teplicky, R, Khetani, A., Coster, W, & Bedell, G. (2013). [Participation in the home environment among children and youth with and without disabilities](#). *The British Journal of Occupational Therapy*, 76, 58-66.

Marquenie, K, Rodger, S, Mangohig, K, & Cronin, A. (2011). [Dinnertime and bedtime routines and rituals in families with a young child with an autism spectrum disorder](#). *Australian Occupational Therapy Journal*, 58, 145-154.

Poole, JL, Hare, KS, Turner-Montez, S, & Mendelson, C. (2014). [Mothers with chronic disease: A comparison of parenting in mothers with systemic sclerosis and systemic lupus erythematosus](#). *OTJR: Occupation, Participation and Health*, 34, 12-19.

Smith, LDF, Suto, M, Chalmers, A & Backman, CL. (2011). [Belief in doing and knowledge in being mothers with arthritis](#). *OTJR: Occupation, Participation and Health*, 31, 40-48.

Turner, KA, Cohn, ES & Koomar, J. (2012). [Mothering when mothers and children both have sensory processing challenges](#). *The British Journal of Occupational Therapy*, 75, 449-455.

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## 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 including the Intervention Research Grants 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.

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## 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.

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