



THE AMERICAN
OCCUPATIONAL THERAPY
FOUNDATION

October 2013

Research
Resources



Autumn Greetings to *Research Resources* colleagues:

This month, we will provide an update on the NEW AOTF/AOTA Intervention Research Grant Program and information on recent research on work-related injuries and chronic pain for our featured area of practice, Work and Industry.

AOTF/AOTA Intervention Research Grant Program

The 2013 [AOTF-AOTA Intervention Research Grant](#) application process is underway! Despite the tight timeline between the initial announcement and the Letter of Intent deadline, we had a very robust number of submissions. This is evidence of the tremendous need for funding of pilot and feasibility studies and planning grants that position our researchers for larger intervention studies and future funding. If you believe research and evidence are critical to the future of occupational therapy, please join others who are funding these grants by using the secure process on the [AOTF website](#) and designate Intervention Research Grants. We believe: Research + Evidence = Improved Practice.

Work-related Injuries and Chronic Pain

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Watch for the launch of
The St. Catherine Challenge,
a student-led initiative to raise
funding for occupational therapy

[The U.S. Bureau of Labor Statistics](#) provides regular updates on the characteristics of the U.S. workforce, including injuries, illnesses, and fatalities. Some of the statistics are astounding and are reported to have a substantial effect on our economy.

Injuries, pain, and musculoskeletal disease (MSD) contribute to missed days from work, job transfer or restriction, and short or long term disability. In 2011, sprains, strains, and tears (38%) and soreness and pain (12%) accounted for 50% of all injury and illness cases requiring time off from work. MSD was identified in almost 390,000 cases of injury and illness (or 33% of all injury and illness cases) and required a median of 11 days off from work.

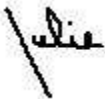
Two of the six occupations having the highest percent of MSD cases were our colleagues in the health professions, nursing assistants and registered nurses. Reducing the incidence and severity of MSD and other workplace injuries has been identified as a strategic goal for the [Healthcare and Social Assistance Sector of the National Occupational Research Agenda \(NORA\)](#).

There are enormous opportunities for occupational therapy to make a difference in the health of our workforce through research and practice. Our knowledge of occupational performance in the workplace and the related personal and environmental factors that contribute to health and injury/illness is an important component of interdisciplinary research studies and workplace health promotion programs.

As you survey the sample of publications that were assembled by our staff in the Wilma L. West Library, you will learn more about recent research on work-related injuries and initiatives to improve occupational health.

As always, we welcome your ideas on ways we can improve this monthly newsletter, and we thank you for your 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:

Occupational therapy and work-related pain or discomfort

Occupational therapy practitioners have had a presence in the work arena from the early days of the profession's founding. For fun, read [Elsasser's article](#) from a 1924 issue of the *Archives of Occupational Therapy*. Volume one, issue one of the *Work Programs Special Interest*

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

OTJR: Occupation, Participation and Health: Online Advanced Release

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](#).

Articles appearing in the "Online Advanced Release" section of the website have been peer-reviewed, accepted for publication, and posted online before print publication.

[Relationship of Global Self-Evaluations of Activity to Psychosocial and Health-Related Aging Outcomes](#)

Mike Carlson, PhD; Ann Kuo, BSc; Chih-Ping Chou, PhD; Florence

Section Newsletter was published in January 1987. This publication became the *Work Programs Special Interest Section Quarterly* In March 1997, and there was another change with the March 2008 issue to *Work and Industry Special Interest Section Quarterly*. Members of the [American Occupational therapy Association](#) (AOTA) are able to access the full text of articles in [this publication](#) back to 1998.

[Read more](#)

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OT: History in Focus

Joseph C. Doane, M.D. - Pivoting the profession away from Manual Arts toward integration within general hospitals



Joseph C. Doane, MD

Fourteen years after the founding of the profession and the creation of what is now the American Occupational Therapy Association, the United States was struggling with the severe economic challenges of the Great Depression and the human made economic and agricultural disaster known as "the dust bowl", which devastated over a million acres of farmland in Oklahoma, Kansas, Texas, and New Mexico leading to the migration of thousands of families. Prohibition was still in place, and President Herbert Hoover was soon to be replaced by Franklin D. Roosevelt.

[Read more.](#)

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Online Resources

The CTSA Program at NIH: Opportunities for Advancing Clinical and Translational

Clark, PhD

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

[AOTA/NBCOT Student Conclave](#)

November 15-16, 2013, Jacksonville, Florida

[AOTA Annual Conference](#)

April 3-6, 2014, Baltimore, Maryland.

[Join Our Mailing List!](#)

Research (2013)

The NIH contracted with the Institute of Medicine (IOM) in 2012 to conduct a study to assess and provide recommendations on appropriateness of the CTSA Program's mission and strategic goals and whether changes were needed. The study was also address the implementation of the program by the National Center for Advancing Translational Sciences (NCATS) while exploring the CTSA's contributions in the acceleration of the development of new therapeutics. Overall, the committee believes that the CTSA Program is significant to the advancement of clinical and translational research through its contributions. The Program would benefit from a variety of revisions, however, to make it more efficient and effective. [Read the study online for free.](#)

Foundation Center Launches Free Search Tool

The Foundation Center has launched [Foundation Directory Online \(FDO\) Free](#), an online tool that gives public access to the Center's authoritative collection of foundation information including basic profiles, contact information and IRS Forms 990-PF of nearly 90,000 grantmakers.

Sage Offers Free Access in October

Sage is offering [free online access](#) to all SAGE journals through the month of October including *Hand Therapy* and the *Canadian Journal of Occupational Therapy*. This free trial also includes access to the following content: SAGE Research Methods, SAGE Knowledge, CQ Researcher, CQ Press Congress Collection, CQ Press State Stats, CQ Press Supreme Court Collection, and CQ Press Voting and Elections Collection.

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Funding Opportunity

Graduate Scholarship for Research on Psychological Pain of Disabilities

The [Scott and Paul Pearsall Scholarship](#) of the American Psychological Foundation supports graduate work that seeks to increase the public's understanding of the psychological pain and stigma experienced by adults who live with physical disabilities, such as cerebral palsy. Proposals with a clear plan for disseminating findings through media are given preference. One \$10,000 scholarship will be awarded. The deadline has been extended to **December 31, 2013**.

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Post-Doctoral and Other Opportunities

Doctoral Level Interdisciplinary Leadership in Autism Spectrum Disorders: Optimizing Research-Practice Partnerships for Evidence-Based Outcomes

This interdisciplinary program at the University of North Carolina, Chapel Hill, will prepare students to assume leadership positions in institutions of higher education and to guide research, practice, and policy regarding evidence-based outcomes for children and youth with autism spectrum disorders (ASD). Students must first be accepted into doctoral studies in the [Divisions of Speech and Hearing Sciences](#) and [Occupational Science and Occupational Therapy](#) and [Applied Developmental Sciences and Special Education \(ADSSE\)](#).

Post-Doctoral Positions at New VA Research Centers

Veterans Administration (VA) research centers in Gainesville and Tampa have teamed up for a new center of innovation with a focus on disability and rehabilitation research. Funded by the VA and the Tampa and Gainesville Veterans Hospital Systems, brings the total funding to over \$15 million. Building on current research at the two sites, CIDRR investigators will identify and develop strategies for improving acute and outpatient rehabilitation services, as well as the long term management of disability including issues that impact family members, for veterans of all ages with central nervous system disorders/Injuries. CIDRR will focus on quality and outcomes of rehabilitation services and disability support, access to disability / rehabilitation-related services, and cost-effectiveness of rehabilitation and disability support interventions. The new Center also has

post-doctoral positions that may include joint appointments at the University of Florida (Gainesville) or the University of South Florida (Tampa). For further information, contact [Dr. William Mann](#).

Post-Doctoral Position Available in Cognition and Aging in African-Americans

Rutgers University is seeking a post-doctoral fellow to develop and expand research projects relating to cognition and aging in African-Americans. The research is based at the [Center for Neuroscience](#) at Rutgers University-Newark, within the lab of [Mark Gluck](#), PhD, and is part of the university's broader African-American Brain Health Initiative. Application deadline: Ongoing rolling recruitment. Apply ASAP. Contact [Dr. Gluck](#) for more information.

Boston ROC Seeks Pilot Studies, Visiting Scientists, and Post-Doctoral Fellowship Applications

Boston Rehabilitation Outcomes Measurement Center (Boston ROC) is an NIH-funded rehabilitation research infrastructure center located at Boston University's Health and Disability Research Institute. Boston ROC is offering three programs:

1. [The Pilot Studies Program](#) provides researchers with an opportunity to obtain preliminary data and the guidance needed to design and evaluate measurement outcomes for use in clinical trials and related rehabilitation research in one of the three core areas: Patient Reported Outcomes (PRO), Performance-based Measures (PBM), and Instrumented Outcomes Measurement (IOM).
2. [The Visiting Scientist Program](#) provides opportunities for rehabilitation researchers to work with outcome measurement experts.
3. [Post-doctoral fellowship program](#)

designed to provide unique opportunities for advanced training and experience in rehabilitation outcome measurement.

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Calls for Papers

1st Global Conference: Sexuality and Disability (May 6-8, 2014, Lisbon, Portugal)

This conference seeks to challenge popular conceptions and perceptions of sexuality and disability. In addition to academic papers, we are particularly interested in opening up a space for the discussion of personal experiences of disability and sexuality and the role of sex workers, community programs and the work of sex educators. Inter-disciplinary and cross-disciplinary perspectives are sought on sexuality and disability, including cross-cultural and transcultural perspectives. Non-traditional presentations are encouraged including workshops, performances and round table discussions: [the due date](#) is **December 6, 2013**.

Fourth International Conference on Health, Wellness & Society (March 14-15, 2014, Vancouver, British Columbia)

[Interdisciplinary forum](#) for discussion of health, human physiology, and the conditions of social life. Proposals for presentations, workshops, and more now accepted. Possible publication opportunities in peer-reviewed companion journal. There are monthly deadlines for [abstracts/proposals](#) until **January 21, 2014**.

Research in Social Science and Disability: Volume 8

Addressing the Environmental Context of Disability

This volume will address the environmental issues that support or restrict the participation of persons with functional limitations in society, thus potentially creating their disability either at the micro or macro level. They are soliciting articles that address development of an understanding of environmental patterns that

contribute to the supports or restrictions that a person with a limitation experiences. Submissions are due no later than **January 15, 2014**; contact [Barbara Altman](#) for more information.

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

The conference theme is Learn from Yesterday. Live for Today. Envision Tomorrow. For proposal information and deadlines email [Erin Green](#) or see the [web site](#).

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Conference Announcements

International Stroke Conference (February 12-14, 2014, San Diego, California)

[The International Stroke Conference](#) is the world's largest meeting dedicated to the science and treatment of cerebrovascular disease. This 2½-day 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.

Center for Enhancing Activity and Participation among Persons with Arthritis (ENACT) Conference and Workshop (April 6-7, 2014, Pentagon City, Virginia)

This State of the Science (SOS) Conference sponsored by ENACT of Boston University's Sargent College is titled [Promoting Activity and Participation among Persons with Arthritis](#). This conference will include innovative presentations and opportunities for participant discussion in three primary areas: rehabilitation, community, and employment bringing together experts in the fields of rheumatology, occupational therapy, physical therapy and rehabilitation. The conference will be preceded on April 6 by a [Capacity Building Workshop](#) on Advancing Arthritis Research. The workshop aims to enhance the capability of junior investigators to employ innovative and novel research methods that can be used to address critical clinical research questions. The workshop will include opportunities for individual mentoring, as well as presentations on using large data sets and selecting optimal outcome measures.

16th Annual Conference of The International Society for Ethical Psychology and Psychiatry (ISEPP) (November 1-3, 2013, Greensboro, North Carolina)

The conference theme is [Rethinking Mental Health Care for Children & Adolescents: Evidence-Based and Experience-Based Alternatives to the Medical Model](#) and seeks to find, explore, study and understand safe, humane and life-enhancing ways of treating persons diagnosed with mental disorders.

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)

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 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.

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)

The conference theme is: Learn from Yesterday. Live for Today. Envision Tomorrow. [The Pac Rim conference](#) is considered one of the most 'diverse gatherings' in the world, and encourages and respects voices from "diverse" perspectives including: people with disabilities; family members and supporters, educators, policy makers and more.

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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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Resource Notes (continued)

The [January-February 2011 issue](#) of the *American Journal of Occupational Therapy* is a special issue on work-related injuries and illnesses . Most of the articles are listed below (Arbesman, et al., Amini, Bohr, and Snodgrass). Kaskutas and Snodgrass are the authors of [occupational therapy practice guidelines](#) for individuals with work-related injuries and illnesses. Check out the [Work & Industry page](#) on the AOTA web site.

As Dr. Bass writes, health care workers are well represented in the statistics for work-related injuries, and that includes occupational therapy practitioners (Darragh et al., 2012; Dyrkacz, et al., 2012; Campo & Darragh, 2010; and Passier & McPhail, 2011). Dr. Roll and his colleagues studied the shoulder discomforts experienced by diagnostic medical sonographers and vascular technologists (2012).

If you've experienced pain for any length of time, you probably remember how it affected your daily activities and participation in social events. Not only does pain force you to adapt how you do things as common as taking a shower, but it exhausts you and causes you to withdraw from your usual occupations. Silva, et al. (2011) pursued this psychosocial aspect of chronic pain in workers.

Lastly, the Wilma L West Library (WLWL) has a copy of Jacqueline Walter's 2010 doctoral dissertation that explores the *Effectiveness of an ergonomic program for cosmetologists*. This dissertation can be borrowed from the WLWL through [interlibrary loan](#).

Arbesman, M, Lieberman, D, & Thomas, VJ. (2011). [Methodology for the systematic reviews on occupational therapy for individuals with work-related injuries and illnesses](#). *The American Journal of Occupational Therapy*, 65, 10-15.

Amini, D. (2011). [Occupational therapy interventions for work-related injuries and conditions of the forearm, wrist, and hand: A systematic review](#). *The American Journal of Occupational Therapy*, 65, (1), 29-36.

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Campo, M, & Darragh, AR. (2010). [Impact of work-related pain on physical therapists and occupational therapists](#). *Physical Therapy*, 90, 905-920.

Darragh, AR, Campo, M, & King, P. (2012). [Work-related activities associated with injury in occupational and physical therapists](#). *Work: A Journal of Prevention, Assessment & Rehabilitation*, 42, 373-384.

Dyrkacz, AP, Mak, LY & Heck, CS. (2012). [Work-related injuries in Canadian occupational therapy practice](#). *Canadian Journal of Occupational Therapy*, 79, 237-247.

Elsasser, C. J. (1924). [Occupational Therapy Associated with Industrial Injury Service](#). *Archives of Occupational Therapy*, 3, 11-17.

Kaskutas, V & Snodgrass, J. (2009). *Occupational therapy practice guidelines for individuals with work-related injuries and illnesses*. Bethesda, MD: AOTA Press.

Passier, L & McPhail, S. (2011). [Work-related injuries amongst occupational therapists: a preliminary investigation](#). *The British Journal of Occupational Therapy*, 74, 143-147.

Roll, SC, Evans, KD, Hutmire, CD & Baker, JP. (2012). [An analysis of occupational factors related to shoulder discomfort in diagnostic medical sonographers and vascular technologists](#). *Work: A Journal of Prevention, Assessment & Rehabilitation*, 42, 355-365.

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

Snodgrass, J. (2011). [Effective occupational therapy interventions in the rehabilitation of individuals with work-related low back injuries and illnesses: A systematic review](#). *The American Journal of Occupational Therapy*, 65, 37-43.

Walter, JR. (2010). *Effectiveness of an ergonomic program for cosmetologists*. Ft. Lauderdale, FL: Nova Southeastern University. (Doctoral Dissertation)

Mary Binderman, MLS
The Wilma L. West Library
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OT: History in Focus (continued)

Meanwhile, occupational therapy had begun an era more influenced by medicine and physicians. Joseph C. Doane, M.D. had been elected president of AOTA. He succeeded Thomas Kidner, one of the original association founders. Dr. Doane was of the opinion that not only should occupational therapy practice become more scientific, but that it would more likely achieve this goal by moving away from the tradition of many therapists to be content with the diversionary and amusement value in arts and crafts.

Dr. Doane was medical director of the Philadelphia General Hospital and a former president of the American Hospital Association, which published the popular periodical known as *The Modern Hospital*, which often featured articles about occupational therapy. During Dr. Doane's term, the association began a registration process and the creation of a directory of qualified therapists. Under its board of management, the association had already begun to undertake the development of educational standards and was readying a plan to accredit schools in conjunction with the American Medical Association. Thus began a close alliance with organized medicine that was to continue for another three decades, during which a succession of physicians were elected to leadership in the association.

References:

Doane, JC (1931). Methods of acquainting the medical profession with the value of occupational therapy. *Occupational Therapy and Rehabilitation*, 10,13-23.

Doane, JC (1931). Presidential Address. (Given at the 15th Annual meeting of AOTA in Toronto, Canada). *Occupational Therapy in Rehabilitation*, 10, 363-368.

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