



**BUILDING EVIDENCE
TO IMPROVE
PRACTICE &
HEALTH**



Merry May Greetings to Research Resource Colleagues!

The AOTF Research Priorities are providing us with an important roadmap to advance the science of occupational therapy to support people's full participation in meaningful life activities. We are already seeing the potential for these priorities to build scientific networks, guide evidence-based practice, and expand financial support for our research initiatives:

- Safety and injury prevention in home, clinical and community settings
- Health behaviors to prevent and manage chronic conditions
- Functional cognition
- Technology and environmental supports in home and community
- Development and transitions for individuals and families
- Emotional and physiological influences
- Family and caregiver needs
- Health care experience: access, care coordination, utilization

In the [February issue of Research Resources](#), we highlighted resources for Safety and Injury Prevention in Home, Clinical, and Community Settings. This month we examine [Health Behaviors to Prevent and Manage Chronic Conditions](#) and provide a sample resources for our subscribers who are interested in this research priority. The [Centers for Disease Control and Prevention](#) (CDC) reports that chronic disease is the leading cause of disability and is estimated to account for over 85% of U.S. health care costs. Approximately 1 in 2 adults have at least one chronic condition with heart disease, stroke, cancer, diabetes, obesity, and arthritis among the most common chronic diseases. A [2014 Lancet article](#) reported that prevention programs at both the individual and population level are needed to track trends and progress, develop healthy environments, design health care system interventions, and connect clinical and community services. A [CDC Fact Sheet](#) emphasizes the self-management and chronic disease management programs are also important to address the symptoms of chronic conditions, increase confidence in skills, and improve quality of life.

We might define health behaviors as the "doing of everyday activities that support well-being", including physical activity, medication

In this Issue

- [Health Behaviors to Prevent and Manage Chronic Conditions](#)
- [Grants and Funding Opportunities](#)
- [Doctoral, Post-Doctoral and Research Training Opportunities](#)
- [News and Other Resources](#)
- [Conferences and Calls for Paper](#)
- [OTJR](#)
- [About us](#)

AOTF Seeks a Scientific Programs Officer

This person will develop initiatives that build knowledge and research capacity for the science of occupational therapy, manage the scientific programs of the Foundation, and serve as the Foundation's scientific affairs representative.

See the [AOTF website](#) for full job description, qualifications sought, and application information.

*OTJR: Occupation,
Participation and*

Abstract

Background. To meet the needs of adults with chronic diseases, Canadian health care is moving toward more interdisciplinary, collaborative practice. There is limited high-quality evidence to support practice in this area. Occupational therapists can play a significant role in this area of practice and research. **Purpose.** To develop an agenda of priority areas within collaborative chronic disease research to which occupational therapy can make a contribution.

Methods. The project involved literature and Internet review, a consensus meeting with a range of stakeholders, a survey of occupational therapists, and synthesis of findings to create a research agenda.

Findings. An interdisciplinary and intersectoral group of stakeholders identified seven main priority areas. One priority is specific to occupational therapy while the remaining six cross disciplines.

Implications. The research agenda can support funding applications and encourage interdisciplinary research collaboration to ultimately produce research evidence that can benefit people with chronic diseases.

Research Agenda Priority Areas:

1. Role of occupational therapy
2. Participation outcomes
3. Continuum of care, life course, and disease course
4. Primary care and community
5. Co-morbidities
6. Social inequities
7. Population-based interventions

A Sample of Chronic Disease Self-Management Resources

[CDC Chronic Disease Prevention and Health Promotion](#)

Guidelines, Tools, Funding Announcements, Surveillance

[HHS Initiative on Multiple Chronic Conditions](#)

Training, Database, Measures, Research Network

[Agency for Healthcare Research and Quality \(AHRQ\). Patient Self-Management Support Programs: An Evaluation](#)

Program Models, Bibliography, Research Recommendations

[Stanford Chronic Disease Self-Management Program \(CDSMP\)](#)

Training, Research, Resources

[2008 Physical Activity Guidelines \(PAG\) for Americans](#)

[PAG Midcourse Report: Strategies to Increase Physical Activity Among Youth](#)

[Dietary Guidelines for Americans 2015-2020](#)

Institute of Medicine Reports:

[Living Well with Chronic Illness: A Call for Public Health Action](#)

[Capturing Social and Behavioral Domains and Measures in Electronic Health Records: Phase 2](#)

[Click here for OT research on health behaviors to prevent and manage chronic conditions.](#)

Grants and Funding Opportunities

2016 HealthSouth Call for Therapy Grant Applications

[This grant's objective is to support research efforts](#) that investigate the impact and/or effectiveness of therapy services within the inpatient rehabilitation facility post-acute care setting.

Grant applications must be postmarked June 30, 2016.

List of potential topics:

- Efficacy of physical, occupational, or speech therapy assessments or intervention
- Impact of modes or intensity of therapies on patient outcomes and experience
- Impact of therapy assessments or interventions on outcomes or experience
- Prevention or control of rehabilitation-related conditions
- Patient and caregiver education programming impact or outcomes
- Impact of IRF therapy services on the continuum of care throughout a patient's medical event, including rehospitalization and post-acute care
- Implementation research aimed at the study of methods to implement research findings.

[Grant Opportunities from the Robert Wood Johnson Foundation \(RWJ\)](#)

[State Health Access Reform Evaluation \(SHARE\)](#)

This solicitation seeks to fund timely policy-relevant studies with strong empirical designs that will inform policy and health reform implementation. Eligible studies may be of a single state, groups of states, or national analyses that use state-level data. RWJ is primarily interested in timely studies which have policy relevance.

June 1, 2016 (3:00 p.m. ET) Deadline for proposals.

[Global Ideas for U.S. Solutions](#)

RWJ is looking for ideas to help build a Culture of Health in the United States, where everyone has the opportunity to live healthier lives, no matter who they are, where they live, or how much money they make.

They will support grants from \$50,000 up to \$250,000 (USD), for up to 18 months. The total number of grants is undetermined.

May 31, 2016 (3 p.m. ET) Deadline for receipt of brief proposals.

[Healthy Eating Research: Building Evidence to Prevent Childhood Obesity--Round 10](#)

[This national program](#) supports research on environmental and policy strategies with strong potential to promote healthy eating among children to prevent childhood obesity, especially among groups at highest risk for obesity: black, Latino, American Indian, Asian/Pacific Islander, and children who live in lower-income communities (urban, suburban, and/or rural). Findings are expected to advance RWJF's efforts to help all children achieve a healthy weight, promote health equity, and build a Culture of Health.

Approximately \$2.6 million will be awarded.

May 11, 2016 (3:00 p.m. ET) Concept papers due in RWJF Online System.

US Department of Health and Human Services Grants

Search the [grants.gov website](#) for up to date information on grants that are available.

Doctoral, Post-Doctoral and Research Training Opportunities

Comprehensive Evaluation, Intervention, and Biomechanics of the Hemiplegic Upper Limb

The Ohio State University Medical Center, Columbus, Ohio, September 17, 2016.

Highlights Include:

- Evidence-based treatments for the hemiplegic shoulder
- Anatomical and biomechanical considerations for treatment
- Patient education tools
- Assessment techniques

USC's PhD Program in Occupational Science

The Musculoskeletal Sonography and Occupational Performance (MSOP) Laboratory in the [Mrs. T.H. Chan Division of Occupational Science and Occupational Therapy](#) at the University of Southern California (USC) is seeking a qualified individual interested in completing a PhD in Occupational Science. The USC MSOP is currently conducting a CDC-funded study (R01-OH010665) and other research that aims to enhance the assessment, workplace prevention and clinical rehabilitation of upper extremity musculoskeletal disorders using sonographic imaging, ergonomics, mind-body interventions and other techniques.

Individuals interested in a position in the USC MSOP Lab should submit a CV and letter of interest to Assistant Professor [Dr. Shawn Roll](#). Individuals interested in learning more about the PhD program or other PhD student openings should contact Director of Admissions [Dr. Liz Carley](#).

PhD Program in Health and Rehabilitation Sciences at The Ohio State University

The Child & Adolescent Health, Rehabilitation, & Evaluation (CAHRE) Lab at The Ohio State University is seeking exceptional, experienced pediatric occupational therapists that are interested in completing a PhD in Health and Rehabilitation Sciences. They are currently conducting two NIH-funded RCTs of Pediatric Constraint-Induced Movement Therapy (PCIMT; R01-HD0683 & R01-HD074574) and are looking for pediatric practitioners. Students are fully funded and receive: 1) tuition, 2) stipend, and 3) health insurance. Interested therapists should submit a CV and letter of interest to Drs. [Andrew Persch](#) or [Amy Darragh](#).

[Back to top.](#)

News and Other Resources

From Big Data to Big Profits" Webinar

This Harvard Business Review webinar featured Kellogg School of Management professor Russell Walker, author of From Big Data to Big Profits: Success with Data and Analytics?

Read the [executive summary](#) of the webinar or view the [on-demand webcast](#).

New Reports and Workshop Summaries from the Institute of Medicine (IOM)

[Envisioning the Future of Health Professional Education: Workshop Summary \(2016\)](#)

In April 2015, the IOM convened a public workshop to explore recent shifts in the health and health care industry and their implications for health professional education (HPE) and workforce learning. This study

serves as a follow-up to the 2009 Lancet Commission report on health professions education for the 21st century and seeks to expand the report's messages beyond medicine, nursing, and public health.

[A Framework for Educating Health Professionals to Address the Social Determinants of Health\(SDH\)](#)

An expert committee of the National Academies of Sciences, Engineering, and Medicine developed a high-level framework for educating health professionals to address the SDH. The committee's framework aligns education, health, and other sectors to better meet local needs in partnership with communities.

[Policy and Research Needs to Maximize Independence and Support Community Living: Workshop Summary](#)

This workshop explored the policies and research needed to support community living and maximizing independence of people with disabilities and older adults.

[Meeting the Dietary Needs of Older Adults: Workshop in Brief](#)

This workshop examined factors in the physical, social, and cultural environment that affect the ability of older adults to meet their daily dietary needs. Organized by session, this workshop in brief highlights key points made by individual speakers during the workshop presentations and discussion.

[Obesity in the Early Childhood Years: State of the Science and Implementation of Promising Solutions: Workshop in Brief](#)

The workshop examined what is currently known about the prevalence of obesity in young children, its trends over time, and its persistence into later childhood, adolescence, and adulthood; epigenetic factors related to risk of early childhood obesity; and the development of taste and flavor preferences in the first few years of life. The workshop explored recent developments in the science of modifiable protective and risk factors associated with obesity through age 5, including a mother's pre-pregnancy weight and weight gain during pregnancy; smoking during pregnancy; breastfeeding; complementary feeding, responsive parenting; and sleep, activity, and sedentary behavior in young children.

Patient-Centered Outcomes Research Institute (PCORI) Funding Announcements

On February 1st, [PCORI posted five funding announcements](#) for Cycle 1 of 2016.

- Improving Methods for Conducting Patient-Centered Outcomes Research - Cycle 1 2016
- Communication and Dissemination Research - Cycle 1 2016
- Improving Healthcare Systems - Cycle 1 2016
- Addressing Disparities - Cycle 1 2016
- Assessment of Prevention, Diagnosis, and Treatment Options - Cycle 1 2016
- Limited PCORI Funding Announcement: Dissemination and Implementation of PCORI Funded Patient-Centered Outcomes Research Results and Products in Real World Settings - Cycle 1 2016

Assessing the Impact of Applications of Digital Health Records (DHRs) on Alzheimer's Disease (AD) Research: Workshop Summary

On July 20, 2015, the IOM's Forum on Neuroscience and Nervous System Disorders held a public session at

the 2015 Alzheimer's Association International Conference in Washington, DC, to explore how DHRs may be used to help improve clinical trial design and methodology for AD research. While there are a number of potential uses of DHRs, speakers discussed some of the currently available DHR databases that are being mined to better understand the progression of AD and design more effective clinical trials. [Click here to read workshop summary.](#)

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 an archive of past webinar. Next webinar:

[Back to top.](#)

Conferences and Calls for Papers

WCNR 2016: 9th World Congress for NeuroRehabilitation (May 10-13, 2016, Philadelphia, Pennsylvania)

[From Science to Society](#), the theme that has been chosen for this Congress, will cover both inspiring innovations in neurorehabilitation and their societal impacts.

Society for Disability Studies (June 8-11, 2016, Phoenix, Arizona)

[Theme: Disability in the Public Sphere.](#)

National Alliance on Mental Illness (NAMI) (July 6-9, 2016, Denver, Colorado)

[The national NAMI conference](#) will feature researchers and clinicians providing information and tools to advance and sustain recovery from mental illness as well as people living with a mental illness and their families with their own important perspectives on recovery.

Rehabilitation Engineering and Assistive Technology Society of North American (RESNA) Annual Conference (July 10-14, 2016, Arlington, Virginia)

[The theme of this year's conference](#) is: Promoting Access to Assistive Technology

International Biophilia Society (IBRA) (July 18-19, 2016, Geneva, Switzerland)

[IBRA advances research](#) in rehabilitation medicine. The term "biophilia" represents people's regaining body function with activating works of the brain by the latent powers which we have in the brain.

Alzheimer's Association International Congress (AAIC) (July 22-28, 2016, Toronto, Ontario)

[This conference](#) will bring together international investigators, clinicians and care providers to share the latest study results, theories and discoveries in dementia science. There will be a track focused on evidence-based approaches to dementia care.

Developing topic submission deadline: April 18, 2016.

International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAP). (September 18-22, 2016. Calgary, Alberta)

Conference theme: Fighting Stigma, Promoting Resiliency and Positive Mental Health.

5th Annual Summer Research Institute: Basic and Advanced Behavioral Intervention Research (June 6-8, 2016 and June 9-10, 2016, Baltimore, Maryland)

Apply Today at nursing.jhu.edu/aginginstitute. Early Bird Special, Scholarships, and Fellowships are available.

Alzheimer's Association International Conference (AAIC) (July 24-27, 2016, Toronto)

[A Global Forum to Advance Dementia Science](#)

2016 Defense Centers of Excellence for Psychological Health and Traumatic Brain Injury Summit - State of the Science: Advances, Current Diagnostics and Treatments of Psychological Health and Traumatic Brain Injury in Military Health Care (September 13-15, 2016, Falls Church, Virginia)

Health care professionals and academics are invited to submit abstracts. Abstract topics for oral presentation may refer to any topic related to advances in diagnostics and treatments of psychological health and/or traumatic brain injury in military health care.

Society for the Study of Occupation/Canadian Society of Occupational Scientists (September 28-October 1, 2016, Portland, Maine)

[Navigating the Seas of Change: Diversity of Occupation](#)

Southwest Conference on Disability (October 5-7, 2016, Albuquerque, New Mexico)

The theme for 2016 is *Reducing Disparities For People With Disabilities Through Systems Change*.

The [2016 Southwest Conference on Disability](#) seeks contributions that focus on reducing or eliminating disparities through systems change in:

- Improving Access To Health Care And Human Service
- Data to Drive Policy and Practice
- Workforce
- Inclusion Of People With Disabilities in Mainstream Programs And Services
- Emergency Preparedness for People With Disabilities

Deadline for submissions: Friday, May 6, 2016.

American Public Health Association (APHA) Annual conference (October 29-November 2, 2016, Denver, Colorado)

[The theme of this year's conference](#) is *Creating the Healthiest Nation: Ensuring the Right to Health*.

ACRM Annual Conference (October 30, 2016-November 4, 2016, Chicago, Illinois)

The theme of the [American Congress of Rehabilitation Medicine's 93rd Annual Conference](#) is Progress in Rehabilitation Research: Translation to Clinical Practice.

American College of Rheumatology Annual Conference (November 11-16, 2016, Washington, DC)

[For more information.](#)

Society for Neuroscience Annual Conference (November 12-16, 2016, San Diego, California)

[For more information.](#) Abstract Submission: April 14-May 5, 2016.

5th Health and Wellbeing in Children, Youth, and Adults with Developmental Disabilities Conference (November 16-18 2016, Vancouver, BC, Canada)

The goal of [the conference](#) is to help clinicians and caregivers learn effective ways to work with individuals with developmental disabilities, their families, and to improve their quality of life experience.

Gerontological Society of America Annual Scientific Meeting (November 16-20, 2016, New Orleans, Louisiana)

[This year's theme](#): New Lens on Aging: Changing Attitudes, Expanding Possibilities

AOTA's 97th Annual Conference & Expo (March 30 -April 2, 2017, Philadelphia, Pennsylvania)

[Call for papers](#) May 9-June 9, 2016.

[Back to top.](#)

A Sample of Occupational Therapy Research on Health Behaviors to Prevent and Manage Chronic Conditions

Asano, M, Preissner, K, Duffy, R, Meixell, M & Finlayson, M. (2015). [Goals set after completing a teleconference-delivered program for managing multiple sclerosis fatigue](#). *The American Journal of Occupational Therapy*, 69, 6903290010p1-6903290010p8.

Dominick SA, Natarajan L, Pierce JP, Madanat H, Madlensky L. (2014). [Patient compliance with a health care provider referral for an occupational therapy lymphedema consult](#). *Support Cancer Care*, 22, 1781-1787.

Foster, ER, Bedekar, M & Tickle-Degnen, L. (2014). [Systematic review of the effectiveness of occupational therapy-related interventions for people with Parkinson's disease](#). *American Journal of Occupational Therapy*, 68, 39-49.

Fritz, H. (2014). [The influence of daily routines on engaging in diabetes self-management](#). *Scandinavian Journal of Occupational Therapy*, 21, 232-240.

Garvey J, Connolly D, Boland F, Smith SM. (2015 May 12). [OPTIMAL, an occupational therapy led self-management support programme for people with multimorbidity in primary care: a randomized controlled trial](#). *BMC Family Practice*, 16:59. doi: 10.1186/s12875-015-0267-0.

Ghaisas, S, Pyatak, EA, Blanche, E, Blanchard, J, Clark, F & PUPS II Study Group. (2015). [Lifestyle changes and pressure ulcer prevention in adults with spinal cord injury in the Pressure Ulcer Prevention Study Lifestyle Intervention](#). *The American Journal of Occupational Therapy*, 69, (1), 6901290020p1-6901290020p10.

Glasgow, RE, Strycker, LA, King, DK & Toobert, DJ. (2014). [Understanding who benefits at each step in an internet-based diabetes self-management program: application of a recursive partitioning approach](#). *Medical Decision Making*, 34, 180-191.

Johnston, V, Strong, J, Gargett, S, Jull, G & Ellis, N. (2014). [Enhancing the vocational outcomes of people with chronic disabilities caused by a musculoskeletal condition: development and evaluation of content of self-management training modules](#). *Work: A Journal of Prevention, Assessment and Rehabilitation*, 49, (3), 455-464.

Kjeken, I, Darre, S, Slatkowsky-Christensen, B, Hermann, M, Nilsen, T, Eriksen, CS & Nossun, R. (2013). [Self-management strategies to support performance of daily activities in hand osteoarthritis](#). *Scandinavian Journal*

- Kos, D, van Eupen, I, Meirte, J, Van Cauwenbergh, D, Moorkens, G, Meeus, M & Nijs, J. (2015). [Activity pacing self-management in chronic fatigue syndrome: A randomized controlled trial](#). *The American Journal of Occupational Therapy*, 69, 6905290020p1-6905290020p11.
- Kreider, CM, Bendixen, RM, Mann, WC, Young, ME & McCarty, C. (2015). [Mixed-method exploration of social network links to participation](#). *OTJR: Occupation, Participation and Health*, 35, (3), 151-159.
- Kreider, CM, Bendixen, RM, Young, ME, Prudencio, SM, McCarty, C & Mann WC. (2016). [Social networks and participation with others for youth with learning, attention, and autism spectrum disorders](#). *Canadian Journal of Occupational Therapy*, 83, 14-26.
- O'Toole, L, Connolly, D & Smith, S. (2013). [Impact of an occupation-based self-management programme on chronic disease management](#). *Australian Occupational Therapy Journal*, 60, (1), 30-38.
- Piven, E & Duran, R. (2014). [Reduction of non-adherent behaviour in a Mexican-American adolescent with type 2 diabetes](#). *Occupational Therapy International*, 21, 42-51.
- Plow, MA, Finlayson, M, Gunzler, D & Heinemann AW. (2015). [Correlates of participation in meaningful activities among people with multiple sclerosis](#). *Journal of Rehabilitation Medicine*, 47, 538-545.
- Poole, JL, Mendelson, C, Skipper, B & Khanna, D. (2014). [Taking charge of systemic sclerosis: a pilot study to assess the effectiveness of an internet self-management program](#). *Arthritis Care and Research*, 66, 7787-82.
- Poole, JL, Skipper, B & Mendelson, C. (2013). [Evaluation of a mail-delivered, print-format, self-management program for persons with systemic sclerosis](#). *Clinical Rheumatology*, 32, 1393-1398.
- Pyatak, EA, Carandang, K & Davis, S. (2015). [Developing a manualized occupational therapy diabetes management intervention: Resilient, empowered, active living with diabetes](#). *OTJR: Occupation, Participation and Health*, 35, 187-194.
- Pyatak, EA, Florindez, D, Peters, AL & Weigensberg, MJ. (2014). ["We are all gonna get diabetic these days": the impact of a living legacy of type 2 diabetes on Hispanic young adults' diabetes care](#). *Diabetes Educator*, 40, 648-658.
- Thompson, M. (2014). [Occupations, habits, and routines: perspectives from persons with diabetes](#). *Scandinavian Journal of Occupational Therapy*, 21, 153-160.
- Tickle-Degnen, L, Saint-Hilaire, M, Thomas, CA, Habermann, B, Martinez, LS, Terrin, N, Noubary, F & Naumova EN. (2014 May 2). [Emergence and evolution of social self-management of Parkinson's disease: study protocol for a 3-year prospective cohort study](#). *BMC Neurology*, 14:95. doi: 10.1186/1471-2377-14-95.
- Youngson, A, Cole, F, Wilby, H & Cox, D. (2015). [The lived experience of diabetes: Conceptualisation using a metaphor](#). *The British Journal of Occupational Therapy*, 78, (1), 24-32.

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.

[DONATE](#)

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.
