



THE AMERICAN  
OCCUPATIONAL THERAPY  
FOUNDATION

## Research Resources

A monthly newsletter of the  
**AOTF Institute for the Study of Occupation and Health**  
September 2011

Dear Colleagues,

What do *diabetes, arthritis, cardiovascular disease, depression, asthma, and hypertension* have in common? The answer, of course, is that they are all chronic diseases for which effective management is necessary to enable quality of life and to prevent more serious medical consequences from occurring later on.

This is one reason why the treatment or management of chronic disease is a national priority. Another reason is because chronic illness is where the action is. Chronic illnesses are associated with aging, the country's elderly population is growing dramatically, and the resulting increased demand for services will require more efficient, evidence-based strategies if effective, quality care is to be delivered affordably.

Private foundations and the [national government](#) have been aware of this need for many years, and some [impressive initiatives](#) have been implemented by the Robert Wood Johnson Foundation and the Agency for Healthcare Research and Quality, among others.

In this issue of Research Resources, we highlight work in occupational therapy related to chronic care. We invite you to peruse this work and to take note of the other upcoming programs and activities highlighted in this month's issue.

As always, thanks for being a subscriber.

Cordially,

A handwritten signature in black ink that reads 'Chuck'.

Charles Christiansen  
Executive Director

[Find us on Facebook](#)

## Wilma L. West Library Resource Notes

### Care for Persons with Chronic Diseases

As far back as 1924 (Darnall) and as recently as the current year (Hand, Law & McColl, 2011; Robinson, Kennedy & Harmon, 2011a and 2011b), occupational therapy practitioners have been addressing the care of persons with chronic illness. The American Occupational Therapy Association (AOTA) includes chronic disease management (cdm) on its list of emerging areas of practice (AOTA) and provides a Fact Sheet on the role of OT in cdm (Bondoc & Siebert).

"Chronic conditions currently account for more than 50% of the global disease burden, and this figure is projected to continue to rise," (Epping-Jordan, 2005, p.86); and "Chronic illnesses account for approximately 75% of all healthcare costs in the United States today, resulting in functional limitations and loss of independence, as well as increased medical expenditures," (Bendixen, et al., 2009, p.31). So, both the financial and personal cost of chronic diseases to society is of huge concern and was identified as a challenge for the 21<sup>st</sup> century in 1996 (University of California). More recently, the World Health Organization published two reports related to the care and prevention, respectively of chronic diseases (Pruitt & Annandale, 2002; World Health Organization and Public Health Agency of Canada, 2005).

"Developed more than a decade ago, the Chronic Care Model (CCM) is a widely adopted approach to improving ambulatory care that has guided clinical quality initiatives in the United States and around the world," (Coleman, et al., 2009, p. 75). For additional information on the CCM, visit the website of the [Improving Chronic Care Organization](#), supported by the Robert Wood Johnson Foundation.

Epping-Jordan writes of the importance of integrated care for chronic illnesses, while two articles below look specifically at the utilization of occupational therapy (Elrod & DeJong, 2008; Dural, Colantonio & Rappolt, 2006). Three articles below are reviews of occupational therapy for chronic disease in general (Hand, Law & McColl, 2011) and for persons with chronic pain specifically (Robinson, Kennedy & Harmon, 2011a and 2011b). All three suggest a need for improvement in occupational therapy treatment and outcomes for chronic diseases. In the conclusion for their "The Issue is" article, Robinson, Kennedy and Harmon sound an alarm, "Occupational therapists urgently need to generate evidence of the efficacy of occupation-based interventions for people with chronic pain and become experts in using evidence to support practice. This article is a red flag to the profession; if occupational therapists do not act quickly to address the limitations of current practice, other professional groups will continue to develop expertise in the use of activity. If occupational therapists complacently continue to practice without attention to their professional domain, the opportunities to develop occupational therapy in line with the occupational needs of people with chronic pain will eventually no longer exist," (pp. 110-111).

American Occupational Therapy Association (AOTA). [Chronic disease management](#). Retrieved August 24, 2011 from <http://www.aota.org/Practitioners/PracticeAreas/EmergingAreas/HW/Chronic-Disease-Management.aspx>.

Bendixen, RM, Levy, CE, Olive, ES, Kobb, RF & Mann, WC. (2009). [Cost effectiveness of a telerehabilitation program to support chronically ill and disabled elders in their homes](#). *Telemedicine Journal and E-Health*, 15, 31-38.

Bondoc, S & Siebert, C. [The role of occupational therapy in chronic disease management](#). (AOTA Fact Sheet) Retrieved August 24, 2011 from <http://www.aota.org/Practitioners/PracticeAreas/Aging/Tools/Chronic-Disease-Management.aspx>.

Coleman, K, Austin, BT, Brach, C & Wagner, EH. (2009). [Evidence on the Chronic Care Model in the new millennium](#). *Health Affairs (Millwood)*, 28, 75-85.

Darnall, JR. (1924). The application of occupational therapy to chronic medical cases. *Archives of Occupational Therapy*, 3, 211-212.

Dunal, LS, Colantonio, A & Rappolt, S. (2006). [Factors related to the intensity of occupational therapy utilization in a geriatric chronic care setting](#). *Canadian Journal of Occupational Therapy*, 77, 236-244

Elrod, CS & DeJong, G. (2008). [Determinants of utilization of physical rehabilitation services for persons with chronic and disabling conditions: an exploratory study](#). *Archives of Physical Medicine and Rehabilitation*, 89, 114-120.

Epping-Jordan JE. (2005). [Integrated approaches to prevention and control of chronic conditions](#). *Kidney International. Supplement*, (98):S86-88.

Feldman, DE, Bernatsky, S, Lévesque, JF, Van, MT, Houde, M & April, KT. (2010). [Access and perceived need for physical and occupational therapy in chronic arthritis](#). *Disability and Rehabilitation*, 32, 1827-1832.

Forhan, M& Backman, C. (2010). [Exploring occupational balance in adults with rheumatoid arthritis](#). *OTJR: Occupation, participation and Health*, 30, 133-141.

Hand, C, Law, M & McColl, MA. (2011). [Occupational therapy interventions for chronic diseases: A scoping review](#). *The American Journal of Occupational Therapy*, 65, 428-436.

Pruitt, S & Annandale, S. (2002). [Innovative care for chronic conditions:building blocks for action: global report](#). Geneva, Switzerland: Noncommunicable Diseases and Mental Health, World Health Organization.

Robinson, K, Kennedy, N & Harmon, D. (2011a). [Review of occupational therapy for people with chronic pain](#). *Australian Occupational Therapy Journal*, 58, 74-81.

Robinson, K, Kennedy, N & Harmon, D. (2011b). [The issue is . . . Is occupational therapy adequately meeting the needs of people with chronic pain?](#) *The American Journal of Occupational Therapy*, 65, 106-113.

University of California, San Francisco. Institute for Health & Aging. (1996).[Chronic Care in America: a 21st century challenge](#). Princeton, N.J.: Robert Wood Johnson Foundation. Retrieved August 24, 2011 from <http://www.rwjf.org/files/publications/other/ChronicCareinAmerica.pdf>.

World Health Organization and Public Health Agency of Canada. (2005). [Preventing chronic diseases: a vital investment](#). Geneva: World Health Organization. Retrieved on August 24, 2011 from [http://www.who.int/chp/chronic\\_disease\\_report/en/](http://www.who.int/chp/chronic_disease_report/en/).

### **In This Issue**

[Chronic Care](#)

[Donate](#)

[OTJR Online Advanced Release](#)

[Education Opportunities](#)

[Support the Wilma L. West Library Digitization Initiative](#)

[Conference Announcements](#)

[Internet Resources](#)

### **Support the Wilma L. West Library Digitization Initiative**



Eleanor Clarke Slagle - an early pioneer of

## Publications

### Image of the Month

## Remember AOTF

### Donate

## 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 this "Online Advanced Release" section have been peer-reviewed and accepted for publication in the *OTJR: Occupation, Participation and Health* and posted online before print publication

[Dealing With Real-Life Challenges: Outcome of a Home-Based Occupational Therapy Intervention for People](#)

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

occupational  
therapy

## AOTA-AOTF Joint Conference

### [The AOTA-AOTF Accelerating Clinical Trials and Outcomes Research \(ACTOR\) Conference \(December 1-2, 2011, Arlington, Virginia\)](#)

Early to mid-career scientists from rehabilitation disciplines are invited to attend this unique conference focusing on clinical research. The conference is open to all rehabilitation disciplines, occupational therapy, physical therapy and speech therapy, Space is limited.

## Conference Announcements

### [2011 Southwest Conference on Disability \(October 4-7, 2011, Albuquerque, New Mexico\)](#)

Highlights of this conference include pre-conference workshops, special emphasis themes on technology and inclusion, three keynote speakers and over eighty breakout sessions, and the Disability and the Arts program, including the Third Annual Disability Film Festival, Artisans Showcase, and Artists in Residence program.

### [The International Brain Injury Association's Ninth World Congress on Brain Injury \(March 21-25, 2012, Edinburgh, Scotland\)](#)

The aim of the Congress is to provide an opportunity for establishing collegial relationships with international professionals focused on the care and/or service of persons with acquired brain injury and/or the science of brain injury research. State of the art research will be presented dealing with information spanning from basic science to clinical (coma to community) aspects of brain injury. [Submission deadline: October 14, 2011](#).

### [2nd International Conference on Multiple Perspectives on Inclusion, Transition and Disability \(February 21-23, 2012, Beijing, China\)](#)

This year's program will feature a multitude of sessions and workshops designed to enhance the educator's ability to address the individual needs of all students. Organized by the Resources for Educational and Allied Consultancy Habitat (REACH), Inc.

## Internet Resources

### [NIH Releases Best Practices for Mixed Methods](#)

The National Institutes of Health (NIH) released recommendations or best practices for scientists conducting mixed methods health research. Mixed methods research combines the strengths of quantitative research and qualitative research. The NIH Office of

[With Severe Psychiatric Disability](#)

Maria Lindström; Gun-Marie Hariz; Birgitta Bernspång

[Bathing Area Safety and Lower Extremity Function in](#)

[Community-Dwelling Older Adults](#) Kathryn E. Korp; Jessica M. Taylor; David L. Nelson

[Engaged Moments: Mediated Action and Children With Autism in the Classroom](#)

[Setting](#) Nancy Bagatell, PhD, OTR/L

[Occupational Performance Problems in 85-Year-Old Women and Men in](#)

[Sweden](#) Anette Källdalen; Jan Marcusson; Katarina Nägga; Ewa Wressle

[Reliability and Validity of the Valued Activity Inventory for Adults With Cancer](#)

Kathleen Doyle Lyons; Mark T. Hegel; Jay G. Hull; Zhongze Li; Stefan Balan; Stephen Bartels

[Description and Development of the Life Balance](#)

[Inventory](#) Kathleen Matuska

[Validity Evidence of a Model and Measure of Life Balance](#)

Kathleen Matuska

**Education Opportunities**

Behavioral and Social Sciences Research (OBSSR) identified the need for this guidance and commissioned the report.

The Office for Human Research Protections (OHRP) solicits comments on proposed changes to the regulations for human research participant protections (The Common Rule)

These revisions are intended to reduce regulatory burden while providing better protection for human research participants, and facilitating valuable research. The deadline for receipt of comments is no later than 5:00 p.m. on **September 26, 2011**. Comments may be submitted online through the [Federal eRulemaking Portal](#). Enter the docket ID number (HHS-OPHS-2011-0005) in the "Enter Keyword or ID" field and click "Search." On the next page, click on "Submit a Comment" and follow the instructions. You may also submit comments by hard-copy to: Jerry Menikoff, M.D., J.D., OHRP, 1101 Wootton Parkway, Suite 200, Rockville, MD 20852.

[Recommendations for "green" job market to be more inclusive](#)

The U.S. Department of Labor held a roundtable to develop recommendations to include people with disabilities in the "green jobs" market. Green jobs are jobs in industries that help the environment or use environment-friendly materials and processes. This companion guide to the roundtable's report includes information about where to search for jobs, training opportunities and job skills associated with the increase in "green" jobs. This information was recently updated. To learn more visit .

[Open online listening session on access to IT](#)

The U.S. Access Board and the Chief Information Officers Council will conduct an online listening session on September 8, 2011 from 2 - 5 p.m. Eastern Time. The forum will discuss ways to improve access to information technology (IT) by people with disabilities in the federal sector. Participants will be able to suggest ways the federal government can improve how it buys and uses accessible technology under Section 508 of the Rehabilitation Act. This information was recently added to Disability.gov.

**Publications**

[Learning What Works: Infrastructure Required for Comparative Effectiveness Research - Workshop Summary](#)

As part of its Learning Health System series of workshops, the Institute of Medicine's (IOM) Roundtable on Value & Science-Driven Health Care hosted a workshop to discuss capacity priorities to build the evidence base necessary for care that is more effective and delivers higher value for patients. Participants explored issues such as; data linkage and improvement; study coordination and results dissemination; research methods innovation; and the training and size of the workforce, all as they relate to improved medical decision making.

[The Production of Living Knowledge: The Crisis of the University and the Transformation of Labor in Europe and North America](#)

Gigi Roggero's book situates the crisis of the university and the changing composition of its labor force against the backdrop of the

[10th Annual Intensive Workshop on Grant Writing, Preparation, and Submission in Rehabilitation Research \(January 10-14, 2012, Charlottesville, Virginia\)](#)

This workshop will enable junior and mid-career faculty to complete a highly competitive proposal to the NIH for patient-oriented rehabilitation research (e.g. R01, R21, etc.) or career development (K series awards). Lectures and individual consultation will provide guidance in grant writing, clinical trial design, biostatistics, informatics, collaboration, grantsmanship, budgeting, and career development.

[The 2012 Christine Mirzayan Science and Technology Policy Graduate Fellowship Program](#)

This National Academies program is designed to engage current and recent graduate students in the analytical process that informs U.S. science and technology policy. Fellows develop basic skills essential to working or participating in science policy at the federal, state, or local levels. The application deadline for the Winter/Spring 2012 session is **October 1, 2011**.

global economic crisis. Combining a discussion of radical experiments in education, new student movements, and autonomist Marxian (or post-operaista) social theory, Roggero produces a distinctly transnational and methodologically innovative critique of the global university from the perspective of what he calls "living knowledge." Roggero, G. (2011) *The Production of Living Knowledge: The Crisis of the University and the Transformation of Labor in Europe and North America* (E. Brophy, Trans.). Philadelphia: Temple University Press.

[Research Doctorate Programs in the Biomedical Sciences: Selected Findings](#)

These findings from the National Research Council (NRC) Assessment examines data on the biomedical sciences programs to gather additional insight about the talent, training environment, outcomes, diversity, and international participation in the biomedical sciences workforce. Lorden, J.F., Kuh, C.V., & Voytuk, J.A. (Eds.). (2011). *An Assessment of Research-Doctorate Programs: Panel on the Biomedical Sciences* Washington, D.C.: National Academies Press.

## AOTF Institute Image of the Month

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

Pediatric patient works on balance activities using a large ball.



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

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 bottom of this email. AOTF does not sell email addresses to other parties.

**Join Our List**

Join Our Mailing List!

For more information about the American Occupational Therapy Foundation and its Institute for the Study of Occupation and Health see our web site: [www.aotf.org](http://www.aotf.org).