Greetings to Research Resource Colleagues!

Welcome to the new year! This month's Research Resources highlights the five new inductees into the AOTF Academy of Research (AOR). The Academy was established in 1983 to recognize research excellence in the science of occupational therapy. With the new inductees, there are now 74 members of AOR (69 living). Welcome Drs. Goverover, Ma, Reistetter, Sainburg, and Stark.

As you may know, the Foundation established a new award to recognize research excellence at the mid-career level in 2018. The AOTF Mid-Career Research Excellence Award will be given for the first time in New Orleans at the 2019 AOTA Annual Conference. We are happy to announce that Dr. Natalie Leland will be the inaugural recipient of the award. She will give a talk presenting her work to date immediately before the AOTF State of the Science (SOS) Symposium. We hope you can join us to hear the great accomplishments of Dr. Leland and then attend the symposium.

Scott E. Campbell, PhD
CEO

Check out the new AOTF website.
https://www.aotf.org

News and Other Resources

The Future of Health Services Research Special Publication Webinar
January 24, 2019 1:00 pm - 2:30 pm
Join the National Academy of Medicine for a free webinar to discuss the NAM Special Publication: The Future of Health Services Research: Advancing Health Systems Research and Practice in the United States. Health services research is "the multidisciplinary field of scientific investigation that studies how social factors, financing systems, organizational structures and processes, health technologies, and personal behaviors affect access to health care and the quality and cost of care."

OT SEARCH
OT SEARCH announces it now has over contains over 50,000 records of OT and related subjects dating from 1910 to the present.

The Wilma L. West Library (WLWL) owns a copy of all the materials indexed in OT SEARCH.

OT SEARCH is a fee-based subscription service supported by AOTF and AOTA. For more information on OTSEARCH see the AOTF website.

OTJR: Occupation, Participation and Health

OTJR, published quarterly by AOTF, offers original peer-reviewed research articles of professional interest to the practicing OT with a focus on occupation and fostering interdisciplinary research. OTJR is now indexed in MEDLINE/PubMed. To download current, past, and future OTJR articles -- see the OTJR website.

January 2019 OTJR
Since the 1960s, health services research has provided the foundation for progress, effectiveness, and value in health care. Ironically, at a time in which appreciation has never been higher for both the need and potential from health services research, the political and financial support for sustenance and growth appear to be weakening. Now is a critical time for the field to articulate its priorities, demonstrate its utility, and transform to meet the needs of a 21st-century health care system.

MentorSpace - a new free resource from SAGE Publishing Sage recently launched MentorSpace, a free-to-access online community space that allows users to tap into the wisdom of those who have executed a specific aspect of the research process and want to share their knowledge with others. The site is a place for users to connect, share insights, learn from their colleagues, and broaden their professional networks.

A resource for undergraduate, graduate, and post-doc students, as well as researchers, instructors, and authors in the social and behavioral research field, MentorSpace content types include:

- "Methods in Action" - posts that describe a specific technique or report on particular research efforts that explore the methodology or innovation used
- "What I learned about doing research" - posts that describe the circumstances surrounding a research effort including key obstacles and takeaways "What I learned about teaching research" - tips for teaching courses in the methods field
- Interviews - posts that examine problem solving in research, focusing on how to critically approach a problem and what steps to use

New CDC funding will expand knowledge about children with autism spectrum disorder

CDC has launched a new phase of funding for the Autism and Developmental Disabilities Monitoring (ADDM) Network, the only collaborative network to monitor the number and characteristics of children with autism spectrum disorder (ASD) and other developmental disabilities in multiple communities throughout the United States. Over the next four years, CDC will invest more than $16 million to enhance tracking at nine sites previously included in the ADDM Network, and to launch one new site. All 10 sites will track ASD among 4-year-old and 8-year-old children. One site will complete a follow-up of 16-year-old adolescents who were included in the ADDM Network in surveillance years 2010 and 2012, when they were 8 years old.

NIH News and Links

- Revised NIH Grant Policy Statement for 2019
- New Video Provides Overview of New NIH Policies on Human Subjects Research and Clinical Trials. Do you do research with human participants? This 15-minute video provides a succinct explanation of the various policy changes and what they mean for you.
- NIH Grant website.
- Advice from NIH on resubmitting grant applications.
- Midcareer Investigator Award in Patient-Oriented Research
Grants and Funding Opportunities

Clinical Scholars - a Robert Wood Johnson Foundation Program
Each year, up to 35 clinically active health care providers are accepted into the three-year Clinical Scholars program. Grant funding is awarded based on team size, ranging from up to $210,000 for a two-person team to a maximum of $525,000 for a five-person team. The program includes intensive learning, mentoring and networking that will develop fellows into leaders of transformational change. Working in collaboration throughout the three-year program, they will take these important skills and apply them in their jobs and through a project in their community that directly addresses the root causes of inequity in health.
Applications are due: March 13, 2019.

2019 HSRProj Research Competition for Students
Announcing the third annual HSRProj Research Competition for Students hosted by AcademyHealth and the National Information Center for Health Services Research and Health Care Technology (NICHSR) of the National Library of Medicine (NLM). This competition provides a unique opportunity for students to use data from the Health Services Research Projects in Progress (HSRProj) database in conjunction with other sources to identify research gaps in health services and systems research.

This competition is for students studying health services research, public health, health informatics, or information science/library science who would like to:
Contribute to the field by identifying research gaps in health services research (HSR)
Cross institutions to strategize with another university faculty and collaborate with new peers
Gain greater visibility as a new researcher in the fields of HSR and data science
Practice using tools to manipulate data, create visualizations, and disseminate findings

The winner or winning team will be invited to present their research as a featured poster at the 2019 Academy Health Annual Research Meeting June 2-4, 2019, in Washington, D.C.
Application deadline: March 1, 2019.

TRISH Solicitation Released: Biomedical Research Advances for Space Health
The Translational Research Institute for Space Health (TRISH) released a topic-driven call for proposals on December 17th, 2018 (BRASH1901). The call is posted on NSPIRES and on the TRISH website. Funded by NASA through a cooperative agreement, TRISH engages and enables new health technologies to predict, protect and preserve astronaut health during deep space exploration missions. They seek high risk, high reward, high quality and efficient solutions that can be adapted (or translated) for use in space.

TRISH is seeking emerging scientific and biomedical advances, radically disruptive technologies, and new engineering capabilities.

Topics of interest to occupational therapists include:
- Physical Health Surveillance of Astronauts on Deep Space Missions
- Enriched Spaceflight Environments for Behavioral Health

Awards are for a maximum of 2 years and up to $400,000 per year.
Pre-Proposal Virtual Meeting: January 30, 2019, 2 pm ET
Step-1 Proposals Due: February 14, 2019; 5 pm ET
Step-2 Proposals Due: April 30, 2019; 5 pm ET

US Department of Health and Human Services Grants
Search the grants.gov website for up-to-date information on grants that are available. Learn about how to apply for NIH grants.

2019 Academy of Research Inductees
Yael Goverover, PhD, OTR/L

Dr. Yael Goverover, an Associate Professor, New York University and visiting scientist, Kessler Foundation, established her scholarship based upon the need for research studies in occupational therapy that advance rehabilitation to improve the lives of persons with functional cognitive impairments following multiple sclerosis and traumatic brain injury.

Her research focuses in two key areas: (1) Development and investigation of functional cognition assessments for persons with cognitive and functional impairments; (2) Development and investigation of occupationally focused interventions for persons with functional cognitive difficulties. Her research is unique because it focuses on treatment and assessment of functional, everyday activities, using rigorous methodology. Her scholarship in occupational therapy and rehabilitation is supported by research grants from the National Institute on Disability and Rehabilitation Research, the National Multiple Sclerosis Society, and BioGen IDEC and has been published in prominent peer-reviewed rehabilitation journals. She has also presented her work by invitation both nationally and internationally.

Read more about Dr. Goverover.

Hui-Ing Ma, ScD, OT

Since Dr. Hui-ing Ma completed her graduate education at Boston University in 2000, she has been teaching at the National Cheng Kung University in Taiwan, rising to the level of full professor.

In addition to teaching and college, governmental and professional service, Dr. Ma conducts well respected, well-funded research on the motor control problems and quality of life of, and the effects of stigma on, persons with Parkinson's disease and the effectiveness of occupational therapy interventions to improve those patients' participation in their daily lives. She is one of the very few occupational therapists considered expert in the rehabilitation of persons with Parkinson's disease.

Additionally her research includes the verbal and cultural translation and establishment of the psychometrics for important English assessments for valid use with Chinese patients (pediatric participation; quality of life for patients with schizophrenia; PDQ-39, a questionnaire for persons with Parkinson's disease).

Read more about Dr. Ma.

Timothy Reistetter, PhD, OTR, FAOTA

Dr. Reistetter is Professor and Associate Dean for Research in the School of Health Professions at the University of Texas Health Sciences Center in San Antonio (as of January 2019). He is widely recognized for his leadership in health services research within rehabilitation in general, and in occupational therapy specifically.

Through Dr. Reistetter's K12, K01, and subsequently his currently funded Agency for Healthcare Research and Quality R01, he has brought the discussion of how to measure rehabilitation geographic regions to the forefront. Specifically, he is translating methodology from the hospital-centric research conducted at Dartmouth College and implementing these approaches to a rehabilitation context to define rehabilitation geographic services areas. Prior to Dr. Reistetter's seminal work, any researchers examining geographic variations in rehabilitation quality of care were limited to the hospital-based regions, called Hospital Service Areas, even if they did not adequately reflect the context and environment in which rehabilitation was provided across the country, as this was the accepted approach. Thus, it has been Tim's work, which has focused on developing and evaluating Rehabilitation Service Areas that has provided health services researchers with the necessary tools to effectively measure variations in service delivery, access, and quality.

Read more about Dr. Reistetter.
Robert Sainburg, PhD, OTR/L

Dr. Sainburg is Professor of Kinesiology and Neurology at Penn State University and Penn State College of Medicine, and Director of the Center for Movement Science and Technology (C-MOST) in the Huck Institute of Life Sciences. He manages two laboratories, the Movement Neuroscience laboratory at Penn State University, department of Kinesiology on the main (University Park) campus and the Neurorehabilitation Research Laboratory at Penn State College of Medicine (Hershey), department of Neurology.

His research program is fundamentally translational, focusing on understanding basic neural mechanisms that underlie control, coordination, adaptation, and learning of voluntary movements in humans. A major theme of his research has been neural lateralization for motor control. His research in patient populations addresses the functional neuroanatomy underlying lateralized processes of motor control, and the deficits that occur due to neuronal damage to the associated structures.

Dr. Sainburg's research has led to a model of neural lateralization that attributes different aspects of control to each hemisphere, such that each hemisphere contributes unique control mechanisms to both sides of the body. This bi-hemispheric model of motor control has been able to predict hemisphere-specific deficits in both arms of unilaterally lesioned stroke patients. Most importantly, this work has led to a mechanistic understanding of non-paretic arm (ipsilesional) motor deficits in stroke patients. His current research along with Collaborator Carolee Winstein PT PhD at USC is exploring occupational therapy based clinical intervention that uses virtual reality and real-world training to ameliorate these deficits and improve functional independence in stroke patients.

Read more about Dr. Sainburg.

Susan Stark, PhD, OTR/L, FAOTA

Dr. Stark is Associate Professor of Occupational Therapy, Neurology and Social Work at the Washington University School of Medical Health. Dr. Stark has built an impressive research program examining environmental modifications and adaptation to support aging-in-place for community-dwelling older adults. She has focused her efforts on older adults vulnerable for institutional placement, particularly those with impairments due to chronic and degenerative conditions such as stroke and dementia.

Dr. Stark's thematically linked research program has direct implications for occupational therapy research and practice. What sets Dr. Stark's research apart from most aging research is her study of the lived environment. Perhaps this is not innovative in the mind of an occupational therapy scientist; however, it is very innovative to scientists outside our discipline. In addition, Dr. Stark's studies address a complex range of personal, environmental, and functional factors that contribute to falls in the home. Her more recent research examines the timing of falls in the progression of preclinical Alzheimer's disease, and the association between this timing and pre-identified neuroimaging correlates. Findings from this study are likely to improve early identification of candidates likely to benefit from intervention, with the intent that such intervention may contribute to slowed trajectories of decline.

Read more about Dr. Stark.

Doctoral, Postdoctoral, and Research Training Opportunities

Professional Certificate in Driver Rehabilitation Therapy (DRT), the University of Florida

The DRT is the first program of its kind in the U.S. and is for licensed health care professionals with at least a bachelor's degree. The program provides an educational experience that concurrently focuses on development of specialized skills, advanced practice behaviors, leadership activities, and critical appraisal of research in the area of driver rehabilitation. Students will learn to screen, assess and evaluate drivers who are medically-at-risk for driving or who are unfit to drive. Students will also learn to provide evidence-based interventions for experienced licensed drivers representing populations across the lifespan. Graduates of this program are qualified to be entry-level driver rehabilitation therapists working with medically-at-risk drivers through the lifespan.

Now accepting admissions for Spring 2019.

Rehabilitation Research Career Development Program (RRCD) -- NIH K12 Positions

The goal of the program (presented by UTMB with UF and USC) is to provide OTs and PTs (with postdoctoral or related research experience) with the skills and research experience necessary to become independent
investigators and future academic and scientific leaders in their professions. Scholars will receive mentored training in:

- Aging & geriatric rehabilitation (UF, USC, UTMB)
- Neuroscience & neuromuscular rehabilitation (UF, USC, UTMB)
- Muscle biology, exercise, physical activity, musculoskeletal rehabilitation (UF, USC, UTMB)
- Biomedical imaging & engineering, virtual reality, assistive technology (UF, USC)
- Developmental disorders, pediatric rehabilitation (UF, USC)
- Health services, prevention, wellness, health disparities, community integration, quality of life research (UF, USC, UTMB)
- Chronic pain, cognitive rehabilitation, behavioral and psychosocial support (UF, USC, UTMB)

Send any questions or requests to: rehab.info@utmb.edu

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**Conferences and Calls for Papers**

**The SCI 2020: Launching a Decade for Disruption in Spinal Cord Injury Research Conference** *(February 12-13, 2019, Bethesda, Maryland)*

This two-day, comprehensive stakeholder’s meeting hosted by NIH and partners will bring diverse voices to the room to critically evaluate the state of the science, assess areas of technological and community readiness, and build collaborations to change the trajectory of research and clinical options for people with SCI. If you can't attend, this meeting will be live-streamed at the NIH Videocasting site and the archived recording will be available within a few days of the conference.

**International Brain Injury Association (IBIA) World Congress** *(March 13-16, 2019, Toronto, Ontario)*

The aim of the 13th World 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.

**American Hippotherapy Association Annual Conference** *(March 23-25, 2019, Lexington, Kentucky)*

Theme: On the right track.

**AOTA Annual Conference & Expo** *(April 4-7, 2019, New Orleans, Louisiana)*

(pre-conference institutes: April 3)

Registration and housing open **December 12, 2018.**

**ACRM Training Institute at the Spring Meeting** *(April 11-14, 2019, Chicago, Illinois)*

The purpose of the ACRM Spring Meeting (old name: Mid Year Meeting) is to provide practical, evidence-based training and leadership building activities for rehabilitation professionals seeking CME/CEUs.

**2019 Occupational Therapy Summit of Scholars** *(June 20-June 22, 2019, Charleston, South Carolina)*

Presented by the Medical University of South Carolina's Division of Occupational Therapy, this Summit is focused on advancing the scientific foundation of occupational therapy by:

- bringing OT scholars together to share their research and obtain feedback;
- providing a venue for scientists to network, develop new contacts, and formulate innovative ideas to advance the field;
- offering opportunity to mentor young scientists; and
- building knowledge of occupation and health.

This year's Summit symposia will center around the theme "Imagine your research trajectory: Boosting rigor and innovation." Abstract submission will open in **January 2019.**
The Summer Institute of Future Scientists in Occupational Therapy, presented by AOTF and AOTA, will introduce select students to a career in research, connect them with mentors in the occupational therapy scientific community, and immerse them in a research-focused professional experience. Students will attend the one-day Institute on June 20, 2019 and the 2-day Occupational Therapy Summit of Scholars on June 21-22, 2019.

The theme for 2019 is Children, Young People & Families -- Learning Through Doing

ACRM 96th Annual Conference (November 5-8, 2019, Chicago, Illinois)
Core conference: November 5-8, 2019: Plenaries, hundreds of educational sessions, papers, posters, ACRM Community Meetings, receptions, networking, ACRM Rehab EXPO.
Pre-conference: November 3-5, 2019: Dozens of Instructional Courses, Cognitive Rehabilitation Training, ACBIS Training, Early Career Development Course.

Calls for Proposals Deadline: Scientific Papers & Posters: February 20, 2019

Publications

To better understand how health literacy, health equity, and health disparities intersect for individuals living with disabilities, the Roundtable on the Promotion of Health Equity and the Elimination of Health Disparities and the Roundtable on Health Literacy jointly sponsored a workshop that was held on June 14, 2016, in Washington, DC. This publication summarizes the presentations and discussions from the workshop

NIH funding longevity by gender
Diversity of the biomedical workforce is essential to the scientific enterprise, yet women remain underrepresented in academic positions in biomedical sciences and compose less than one-third of National Institutes of Health (NIH) research grantees. The study, published by the National Academy of Sciences, explored NIH grant support as a proxy for participation in academic research. They found that women had similar funding longevity as men after they received their first major NIH grants, contradicting the common assumption that across all career stages, women experience accelerated attrition compared with men. Despite longevity similarities, women composed only 31% of grantees in our analysis. This discrepancy in grantee demographics suggests that efforts may be best directed toward encouraging women to enter academia and supporting their continued grant submissions.

AOTF is a 501(c)(3) dedicated to advancing the science of occupational therapy to support people's full participation in meaningful life activities.

Read more about AOTF and its activities to Build Evidence to Improve Practice and Health at www.aotf.org.

To make a gift to the Foundation, please contact development@aotf.org. Thank you.

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