Greetings to Research Resource Colleagues!

This issue of Research Resources highlights maternal and newborn health. Unacceptably, the US maternal death rate is the highest in the developed world. Despite the United Nations Millennium Development goal for a 75% reduction in maternal mortality by 2015, maternal mortality rate in the US increased 26.6% from 2000-2014 from 18.8 to 23.8 deaths per 100,000 live births. It has been estimated that 60% of childbirth-related deaths are preventable. This trend is so alarming that in April 2018, the American College of Obstetrics and Gynecology recommended extensive new guidelines for postpartum care. These guidelines focus on the "fourth trimester" by recommending that new mothers receive, among other recommendations, personalized visits to assess physical and mental health. OT practice spans the lifespan and has a role to play in the neonatal timeframe, for both the mother and newborn. The Foundation is supportive of research that proves the value of OTs in improving maternal and newborn health.

Cheers.

Scott E. Campbell, PhD
CEO

Maternal Health:
Keeping mothers and children healthy


AOTF Seeks a Scientific Programs Officer -- Updated job description

Join the AOTF team and develop, implement, manage, and evaluate the Foundation's scientific programs.

In this Issue
- Maternal Health
- Grants and Funding Opportunities
- Doctoral, Post-Doctoral and Research Training Opportunities
- News and Other Resources
- Conferences and Calls for Paper
- OTJR
- Publications
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Resources on the AOTF website

Pathfinders (guides to information sources on specific topics often researched by occupational therapists) can be found on the AOTF website.

Find resources on: diabetes, low vision, MS, productive aging, and obesity, and more.

Graduate student opportunity: OTJR: Occupation, Participation and Health Editorial


**World OT Day: WFOT Virtual Exchange 2018 #WFOTVX**

WFOT is partnering with Online Technology for Occupational Therapy (OT4OT) to deliver a new series of online interactive events. The event will be known as the WFOT Virtual Exchange (#WFOTVX) and will build on the annual online conference that was previously hosted and managed by the OT4OT team.

The #WFOTVX will be a series of one-hour webinars hosted in different time zones throughout 2018 and 2019. They will also be available to download as a podcast.

**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.

**October OTJR**

**Editorial**

Growth in Focused Topics: Children and Youth
Melissa Knott

**Articles**

Scoping Review: Social Determinants of Young Children's Participation in the United States
Lindsay Rosenfeld, Jessica M. Kramer, Melissa Levin, Kimberly Barrett, Dolores Acevedo-Garcia

Caregiver Strategies to Enhance Participation in Children With Autism Spectrum Disorder
Nicole Schiavone, David Szczepanik, John Koutras, Beth Pfeiffer, Laura Slugg

Feasibility of DriveFocus™ and Driving Simulation Interventions in Young Drivers
Liliana Alvarez, Sherrilene Classen, Shabnam Medhizadah, Melissa Knott, Kwesi Asantey, Wenqing He, Anita Feher, Marc S. Moulin

Use of Props During Mealtime for Children With Autism Spectrum Disorders: Self-Regulation and Reinforcement
Jessica Muesbeck, Brittany M. St. John, Shannon Kant, Karla K. Ausderau

Participation Patterns of Preschool Children With Intellectual...
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.

Fellowship Program for Early Career Interdisciplinary Scholars: Call for Applications

The Fellowship will pair outstanding early career scholars whose degree is in a discipline outside of psychology or human development, with an interest that is clearly related to developmental psychology with a mentor who is a senior developmental scientist. The selected fellows receive complimentary registration to attend the 2019 Society for Research in Child Development (SRCD) Biennial Meeting, career advice from the mentor, and meet with the members of the Interdisciplinary Committee and the other interdisciplinary scholars.

Application deadline: Friday, November 16, 2018.

FDA Clinical Investigator Training Course (Nov. 13-15, 2018, Silver Spring, Maryland)

Experts from FDA's Center for Drug Evaluation and Research (CDER), Center for Biologics Evaluation and Research (CBER), Center for Devices and Radiological Health (CDRH), the University of Maryland and the University of Pennsylvania will provide a deep dive into the scientific background and practical methodology needed when conducting clinical trials. In this intensive course, attendees will learn FDA regulations, ethical considerations, and the scientific principles to help them understand what is important when conducting clinical trials and preparing a submission for FDA review. Onsite attendance only. This event will NOT be webcast. Registration closes on Nov 6, 2018, or when registration is full.

This event is eligible for 12 credits towards a RAC recertification.

Post-Doctoral Researcher for Project for the Advancement of Our Common Humanity (PACH) at NYU

Start date: Fall 2018 (2 year commitment)

PACH seeks a highly qualified post-doctoral candidate who will lead the evaluation of a school-based intervention, The Listening Project, being conducted in seven NYC middle schools. They will be responsible for analyzing mixed method data on a large dataset, with a particular focus on the quantitative data and the analysis of change. You will also be responsible for producing empirically based journal articles, writing grant proposals, and training staff in research methods.

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 & neurorehabilitation (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)
Postdoctoral Fellowship in Multiple Sclerosis Research - Johns Hopkins University
The overall goals of this two-year postdoctoral research Fellowship funded by the National MS Society and Johns Hopkins Dept. of Physical Medicine and Rehabilitation are to:

1. Train clinician-scientists who will go on to be leaders in the advancement of rehabilitative strategies for people with MS.
2. Equip trainees with the skills needed to become independent, grant-funded investigators.

This program will provide clinical and research training in MS-related rehabilitation science, For more information, contact Meghan Beier.

Grants and Funding Opportunities
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.

Selected NIH Grants:
- Grants on obesity prevention and diabetes
- Congressionally Directed Medical Research Programs (CDMRP) include:
  - Duchenne Muscular Dystrophy Research Program (DMDR)
  - Investigator-Initiated Research Award
  - Autism Research Program
  - Clinical Trial Award
  - Clinical Translational Research Award
  - Idea Development Award

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.

Understanding and Overcoming the Challenge of Obesity and Overweight in the Armed Forces: Proceedings of a Workshop-in Brief
From recruitment, to readiness, retention, resilience, and retirement, obesity affects the military every day. Between 2002 and 2011, the rate of obesity among active duty service members increased by more than half. Maintaining the health and wellness of service members is critical for national security. But like many Americans, service members, veterans, retirees and their families need community support to maintain a healthy weight. On May 7th, the Roundtable on Obesity Solutions hosted a workshop that explored the challenges posed by obesity and overweight in the armed forces and opportunities to overcome them. The workshop examined the magnitude of obesity and overweight in the military, highlighted existing approaches that support a healthy weight, and explored innovative cross-sector opportunities to overcome this challenge.

Immigration as a Social Determinant of Health: Proceedings of a Workshop
Immigrants are a significant and growing population that currently makes up about one-quarter of the United States population. On November 28, 2017, a workshop held by the Roundtable on the Promotion of Health Equity, explored the complex interactions between immigration and health disparities. Topics of the workshop included discussing the history of immigration and the relationship of immigration status to economic and health policies, the ongoing importance of immigrant health outcomes in the United States, and the role of immigration as a social determinant of health.

Examining trends in the diversity of the U.S. National Institutes of Health participating and funded workforce
Published Online: 19 Jun 2018 The authors used recent U.S. National Institutes of Health (NIH) data to document trends in the NIH-funded workforce over time. Their findings, published by the National Academy of Sciences, were presented to the National Academies of Sciences, Engineering, and Medicine. The fellowship is designed to provide early career scientists with the opportunity to work on cutting-edge research in the field of neurosciences.
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.

Conferences and Calls for Papers

12th Annual Southern Obesity Summit (October 22-24, 2018, Charleston, West Virginia)
The SOS is the largest regional obesity prevention event in the United States. The southern states join forces to fight obesity.

AOTA/NBCOT National Student Conclave (November 9-10, 2018, Atlantic City, New Jersey)
FYI -- PTE events have been moved to AOTA National Conference in April.

Autistic Adults and other Stakeholders Engage Together (AASET) Annual Conference (November 10, 2018, Washington, DC)
Autistic adults have multiple, chronic, and potentially preventable healthcare needs as compared to same-aged adults without ASD, but we know very little about why these differences are occurring and how to improve outcomes.
The AASET team will prioritize the specific positive health and healthcare outcomes desired by autistic adults, identify potential evidence-based interventions from the perspective of autistic adults, and will involve other stakeholders in identifying interventions to address priority topics. This meeting is funded through a PCORI Engagement Award Initiative (EAIN-4208).

American Public Health Association Annual Meeting & Expo (November 10-14, 2018, San Diego, California)
2018 Theme - Creating the Healthiest Nation: Health Equity Now. Health equity is a health, economic, human rights and social justice issue that calls for fairness and addresses inclusion along multiple dimensions, including race, ethnicity, class, sexual orientation and disability. Registration and housing open June 4.

The IHPE Fall workshop webcast: Strengthening the Connection between Health Professions Education and Practice will explore methods and methodology for bridging health professions education and practice in ways that improve information flow between learning and application. The workshop will look at various models of training by bringing together multiple health professions across the education-to-practice continuum.
This Forum workshop is free and open to the public. The workshop will also be webcast, and all videos of the webcast recordings will be archived on the workshop website.

AOTA Specialty Conference: Adult Rehabilitation (November 30-December 1, 2018, Los
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. Abstract portal will open summer 2018.

American Hippotherapy Association Annual Conference (March 23-25, 2019, Lexington Kentucky)
Theme: On the right track.
Call for posters deadline: January 14, 2019.

AOTA Annual Conference & Expo (April 4-7, 2019, New Orleans, Louisiana)
(pre-conference institutes: April 3)

The theme for 2019 is Children, Young People & Families -- Learning Through Doing
Call for papers is now open for submissions from all clinical specialities demonstrating the practical elements of occupation in practice, the presentations formats are:

- workshops
- seminars
- paper presentations
- posters.

Call for papers deadline: December 31, 2018.

News and Other Resources

Assistive Technology Today: ATscale
USAID and partners launch ATscale, a partnership that aims to help 500 million people get the AT they need by 2030 through service delivery and market-shaping approaches; creating partnerships with the private sector to build and serve markets in the lowest-resource countries; supporting the development of country plans for greater access; and catalyzing innovation to design and introduce suitable AT where needed.

An interim forming committee will guide the partnership through incubation and development. They invite others to join in this challenge. To learn more, please visit the ATscale website and overview.

Join NICHD Listservs
NICHDDevelopments is a monthly listing of NICHD news releases, spotlights, selected funding opportunities, and upcoming scientific meetings, conferences, and events.

NIH News and Links

- Revised NIH Grant Policy Statement
- 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's Next Generation Researchers Policy Now Posted
  NIH posted current plans for the Next Generation Researchers Initiative. NIH leadership has reviewed data and deliberated about how best to proceed on their goal to increase the number of NIH-funded early-stage investigators and assure that funded early-stage investigators have a reasonable chance to secure stable funding during the earliest stages of their independent research careers.
- NIH Grant website.
- Perspectives on Evidence-based Funding, a talk by NIH Deputy Director for Extramural Research, Mike Lauer on concerns about the hyper-competitive nature of applying for NIH support and other topics.
- Advice from NIH on resubmitting grant applications.
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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