

BUILDING EVIDENCE TO IMPROVE PRACTICE & HEALTH



AOTF Research Resources

January 2017



Greetings to Research Resource Colleagues!

As we begin the centennial year for occupational therapy, we celebrate the most recent inductees into the [AOTF Academy of Research \(AOR\)](#) in Occupational Therapy, [Dr. Natasha Lannin](#) and [Dr. Keh-chung Lin](#).

During 2017, we will all be reflecting on our history and those that have made major contributions to the profession. Established in 1983, the Academy of Research recognizes individuals who have made exemplary and distinguished contributions toward the science of occupational therapy. At present, there are 66 members of the AOR, 62 still living. Of those, 44 currently work in the U.S., eight work in Canada, five work in Australia, four work in Israel and one from Taiwan. Although we are the American Occupational Therapy Foundation, research excellence knows no geographic boundaries and OT scientists are certainly a global community.

We look forward to the next 100 years and as always the Foundation will continue to advance the science of occupational therapy in order to improve the lives of all of those we serve.

Scott Campbell, PhD
CEO

Doctoral, Post-Doctoral and Research Training Opportunities

Post-Doctoral Fellowship in Aging– The Center for Innovative Care in Aging

[The Center for Innovative Care in Aging](#) at the Johns Hopkins School of Nursing, in collaboration with the Department of Neurology at the Johns Hopkins School of Medicine is seeking a postdoctoral fellow for a two-year appointment. The training program focuses on age-related cognitive disorders and is supported by an NIA T32 grant entitled 'Research Training in Age-Related Cognitive Disorders'. A fellow will have a primary appointment in the Center for Innovative Care in Aging, under the direction of Laura N. Gitlin, PhD, who will oversee the research conducted by the fellow.

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AOTF Seeks a Scientific Programs Officer

[Join the AOTF team and develop, implement, manage, and evaluate the Foundation's scientific programs.](#)

Interested in sponsoring AOTF events at the AOTA conference in 2017 including the Breakfast with a Scholar and the State of the Science? Contact [Azalea Candelaria](#).

Submission Deadline: January 30!

OTJR Call for Papers: Special issue on Occupational Therapy and Public Health

[This special issue of OTJR](#) seeks to address three questions:

What is the preventative and protective function of everyday activities in population health?

How does the integration of the

[Application deadline: February 27, 2017.](#)

Post-Doctoral Fellow in Driving Rehabilitation – Department of Occupational Therapy

The Department of Occupational Therapy at the University of Florida, invites applications for a [full-time post-doctoral fellow](#). The post-doctoral fellow will engage, under the mentorship of Dr. Sherrilene Classen, PhD, MPH, OTR/L, FAOTA, FGSA in multidisciplinary research with a focus on driving rehabilitation. Applicants must have a PhD in Rehabilitation Science or a closely related field and are preferably licensed/license-eligible as an occupational therapist in the state of Florida. Application deadline is January 31, 2017.

Driver Rehabilitation Specialist – Clinical Lecturer/Clinical Assistant Professor [Department of Occupational Therapy/University of Florida](#)

The successful applicant for this full-time 12-month on-tenure track will engage in clinical practice in driving rehabilitation and contribute to research programs with a focus on driving rehabilitation assessment and/or intervention. Applicants must have a minimum of a master's degree (for the Clinical Lecturer position) or a PhD (for the Clinical Assistant Professor position) and be licensed/license-eligible as an occupational therapist in the state of Florida. Three years of driving rehabilitation experience is essential. Applicants must be a certified driver rehabilitation specialist (CDRS), or be eligible to complete the Association for Driver Rehabilitation Specialists (ADED) certification examination shortly after being hired. [View the job posting online](#) and search by Job Number 498896. Application review will begin immediately and will continue until a suitable applicant pool has been established.

Post-Doctoral Fellow at The Rotman Research Institute at Baycrest Health Sciences, University of Toronto

This two-year full-time fellowship at the [RRI, a premier international center](#) for the study of human brain function, will study the prevention of functional and cognitive decline in older adults with subjective cognitive decline and the coincident occupational challenges. The fellow will collaborate in a Canadian Institutes of Health Research funded, community-based randomized controlled trial of a strategy-training intervention. Candidates should have an interest and expertise in some (or all) of the following topics: executive functions and aging, contextualized cognitive rehabilitation, qualitative research methods, randomized controlled trials and knowledge translation. For more information contact [Dr. Deirdre Dawson](#).

Post-Doctoral Fellow Position Washington University School of Medicine in St. Louis

One position is available for a [highly motivated PhD interested in translational occupational therapy research](#) in aging. The primary task of the postdoctoral research fellow will be to conduct research in the area of function and the environment for cognitively normal older adults aging in place. The focus of the research will be on identifying functional changes over time for older adults with and without prediagnosed Alzheimer disease and preventing falls among community dwelling older adults. The role involves working in a team-based environment and collaborating with different researchers on a range of projects. The research includes analysis and preparation of manuscripts for publication based on data from clinical studies, as well as the preparation and submission of grant proposals.

principles of occupational therapy and public health improve population health and promote health equity?

How does the occupational therapy lens on disability and public health contribute to advances in the Healthy People 2020 'Disability and Health' goal, action steps, and emerging issues?

[Submission deadline: January 30, 2017](#)

[Tentative publication date: Fall 2017](#)

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 2017](#)

[Editorial](#)

Reflecting and Refocusing Responsibilities of Thought Leadership
Sherrilene Classen, Liliana Alvarez

[Articles](#)

Comparative Effectiveness of Three Occupational Therapy Sleep Interventions
A Randomized Controlled Study
Sharon A. Gutman, Kristin A. Gregory, Megan M. Sadlier-Brown, Marcy A. Schlissel, Allison M. Schubert, Lee Ann Westover, Richard C. Miller

Development and Validity of Western University's On-Road Assessment
Sherrilene Classen, Sarah Krasniuk, Liliana Alvarez, Miriam Monahan, Sarah A. Morrow, Tim Danter

A Wellness Program for Men With Spinal Cord Injury

Post-Doctoral Fellowship in Rehabilitation Outcomes Measurement Research at Boston University

[This Fellowship Program](#) is designed to provide unique opportunities for advanced training and experience in rehabilitation outcome measurement. The dynamic program focuses on recent innovations in outcome measurement such as computer adaptive testing for patient reported outcomes, advances in performance-based outcome measures, and technological developments that have allowed the creation of sophisticated instrumented outcome measures.

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 R01s 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](#).

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2017 Academy of Research Inductees



Natasha A. Lannin, PhD, BSc(OT), GradDip

Dr. Lannin holds a joint research-only position with Alfred Health (Melbourne) and La Trobe University, and is an honorary Research Fellow at the John Walsh Institute for Rehabilitation Research at The University of Sydney, the George Institute for Global Health and the Florey Institute of Neurosciences and Mental Health. Working within the Alfred Health hospital network, she conducts clinical trials investigating the effectiveness of occupational therapy interventions as well as translation research into improving the long-term outcomes for those living with an acquired brain injury from stroke or traumatic causes. Dr. Lannin is a supervisor of higher research degree students (PhD and Master's). She has published widely in leading journals such as *Stroke*, *Journal of Epidemiology*, and *Clinical Rehabilitation*, and has received competitive research grants from federal government (including NHMRC), state government (including the Transport Accident Commission) and philanthropic organizations (including the National Stroke Foundation).

[More on Dr. Lannin.](#)

Keh-chung Lin, ScD, OTR

Dr. Lin is professor of occupational therapy at National Taiwan University and currently serves as Director of the General Affairs division of the College of Medicine at the University. Dr. Lin and his collaborators study whether, and to what extent, new rehabilitation interventions, such as robotic therapy, restore purposeful movement and the ability to do daily activities in patients who have suffered a stroke. To understand how improvement happens, Dr. Lin studies the changes that occur in the brain while the person is engaged in those interventions or how the brain has changed as a result of those interventions. Then, to ensure that the patient and others can have

Participation and Meaning
Beth A. Ekelman, Darcy L. Allison,
Dario Duvnjak, Dorothy R. DiMarino,
John Jodzio, Paolo V. Iannarelli

Integrating Musculoskeletal
Sonography Into Rehabilitation
Therapists' Experiences With Training
and Implementation
Julie McLaughlin Gray, Gelya Frank,
Shawn C. Roll

Test-Retest Reliability and Internal
Consistency of the Activity Card Sort-
Australia
Louise Gustafsson, Inez Hui Min
Hung, Jacki Liddle

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confidence in the progress reported to them, Dr. Lin studies the reliability and responsiveness of tests that are used to measure improvement in voluntary movement and basic and extended activities of daily living in persons who have had a stroke.

[More on Dr. Lin.](#)



News and Other Resources

Advice from NIH on resubmitting grant applications

When applicants receive their summary statement resulting from the review of an application that was assigned a score outside of the ICs funding range, there are important decisions to be made. What is the likelihood that an application like this one will be funded? If you resubmit the application, what changes might improve the chances for a successful resubmission? [Here's some advice from NIH.](#)

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.

Conferences and Calls for Papers

2nd World Disability and Rehabilitation Conference on 2017 (February 9-10, 2017, Colombo, Sri Lanka)

The conference theme is [A Spectrum of Opportunities: Overcoming Disability and Its Challenges](#). It will address the causes for the increase in number of the disabled persons, the perception of the society towards them, their deprived rights and the solutions to overcome this global phenomenon. [Researchers are invited to send abstracts for all modes of oral, poster and virtual presentations.](#)

Animal Assisted Intervention Workshop: Professional Applications of Animal Assisted Interventions (March 24-25, 2017, Rochester, Michigan)

[The Center for Human Animal Interventions](#) presents a two-day workshop with Melissa Winkle, OTR/L, FAOTA, president of Animal Assisted Intervention International. Participants will learn a variety of methodologies for incorporating AAI in their therapy sessions. To learn more, please email [Jennifer Cepnick](#).

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

[For more information.](#)

The 41st Brain Injury Rehabilitation Conference (May 4-5, 2017, Williamsburg, Virginia)

Known informally as the "[Williamsburg Brain Injury Conference](#)", this conference will provide a unique focus on practical solutions and interventions to improve brain injury rehabilitation practice

2017 AOTA Education Summit: October 27-28, 2017

[Deadline: January 20, 2017, 11:59 PST.](#)

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Dr. Lannin (continued)

Q and A

Identify three words that others have used to describe you.

Dedicated, honest, passionate.

How do you hope to make a difference in the world through research?

At the heart of my research is the goal to increase the efficacy of what occupational therapists do every day with inpatients in rehabilitation, a belief that every patient deserves to receive the most effective services and treatment; the right treatment at the right time. So, I hope to make a difference by defining best practice, by conducting systematic reviews and running clinical trials; as well as conducting mixed methods and epidemiological studies designed to provide greater understanding of the issues as well as the prevalence of the problems, their impact on being able to perform everyday activities and how to best support independence and quality of life after neurological damage. And, most importantly, from seeing these findings translated across into the clinical rehabilitation of adults after brain injury and stroke.

What is one piece of advice you have for individuals considering a career in science and research?

Focus on one area and think carefully about the big issues in that area. You will need to keep coming back to these issues, and try not to sidetracked. Really good ideas translate to good research if they are grounded in real clinical issues, and as a researcher you can make instrumental changes to clinical practice if you remain focused on the issues that you are most passionate about.

Beside your own areas of inquiry, what is one research priority that you believe is important for the future of occupational science and occupational therapy?

Determining the cost-effectiveness of occupational therapy- we have the beginnings of this information in some areas of practice, but our cost-effectiveness is not yet universally known.

Describe the most important role that mentors played in your professional journey.

The role of advocate. My mentors have not only provided advice and support to me directly, they have advocated for me to others which has led to some amazing opportunities for me. In many ways, they have been just as dedicated to my success, as they have their own.

Identify a favorite occupation that renews you outside of your work:

Parenting.

What has been the most surprising or rewarding aspects of a career in science and research?

The most rewarding has been the opportunity to co-design programs and research with consumers, this is what keeps me going. The thought that the work we do is really, really important to the people who I work with.

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Dr. Lin (continued)

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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.

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