

# Parkwood Institute Research

## The PIR Newsletter

### *A message from the PIR Ivey Research Chair....*



Greetings,

I hope you're all having a wonderful 2018 so far!

Please be sure to note in your calendars that the upcoming PIR Half Day event will be held Friday, April 27th, from 8:30 a.m. until 12:30 p.m. We're excited to announce a few changes to the format of this event. In addition to an Institute Update, this year we will be hosting two sets of interactive Breakout Sessions, based on the wealth of methodological expertise here at PIR. Presenters will introduce attendees to a specific research method that could be used in multiple contexts. There will be an opportunity to brainstorm different applications with participants. We hope you'll join us for this important collaborative event.

Since becoming the Beryl and Richard Ivey Research Chair, I have been meeting with various stakeholders within PIR in an attempt to better understand the perceived facilitators and barriers to conducting research within our institute. I want to thank you all for not only taking the time to meet with me, but also for your willingness to be open and expressive during such meetings. In addition to these meetings, a PIR Advisory Committee has been established to help direct and develop the strategic vision for PIR. Based on the information received during the aforementioned meetings, input from the Advisory Committee, and the previously developed strategic plans of each PIR Research Group, we're in the process of developing a PIR Strategic Plan. Please keep your eyes and ears open for this document in the coming months.

As you may know, Parkwood Institute Research includes 3 sites, 1) Parkwood Main Building, 2) Parkwood Mental Health Care Building, and 3) Southwest Centre for Forensic Mental Health Care. One of my goals as Chair is to ensure that all 3 sites feel fully supported in their research initiatives. With that in mind, we have set up monthly research based workshops and drop-in sessions at the Southwest Centre.

All the best,  
Cheryl

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## COMMUNICATION UPDATES...

### ➤ **Post Office Box Number:**



**Effective July 1st, all PIR correspondence must include the P.O. Box number as per the following:**

#### **OPTION 1:**

Parkwood Institute Research  
**Main Building**  
 550 Wellington Road, *Your room #*  
 P.O. Box 5777, STN B  
 London, ON N6A 4V2

**OR**

#### **OPTION 2:**

Parkwood Institute Research  
**Mental Health Care Building**  
 550 Wellington Road, *Your room #*  
 P.O. Box 5777, STN B  
 London, ON N6A 4V2

Mail will be returned to sender if the P.O. Box number is not included.

### ➤ **WebEx**

- PIR is excited to announce that we now have a WebEx account! **Submit WebEx meeting requests to Julie Walsh** (Julie.walsh@lawsonresearch.com, PIR Research Facilitator). Please include the following information when submitting a request:

1. Meeting name
2. Meeting date and time
3. Meeting length
4. The password you would like used for the meeting (#'s only)

Once the meeting is booked, you will receive an email appointment directly from WebEx. This email will contain all the information required by the meeting attendees, just copy and paste it into a separate outlook appointment. If you have any questions regarding WebEx, please feel free to contact Julie Walsh.

- The ability to schedule or change future teleconferences with **“Meeting Place” will not be available after March 30th, 2018.**
- Current Meeting Place users now have two alternate options available: **WebEx** and **Conference Now**
- Further information can be found at:  
<https://intra.lhsc.on.ca/its/meetingplace-decommissioning>

## “Welcome” New Research Personnel ~

We would like to extend a special welcome to our new research personnel, who have joined the Parkwood Institute Research (PIR) program over these past few months:

- ❖ **Susan Nakiweewa** - Susan Joined the cognitive clinical trials research team with Dr. Borrie in December 2017. She is a graduate with BSc (Statistics) from Uganda, MSc (Biostatistics) and MSc (Statistical Bioinformatics) from Hasselt University Belgium. Susan has work in clinical research data analysis and her passion is working in clinical research involving patients, drug development and data exploration. She is looking forward to explore the clinical trial research work in Geriatrics.



- ❖ **Mark Nixon** – Recently hired as a Research Assistant for the Mental Health Nursing Research Alliance (MHNR), Mark works under the supervision of Dr. Cheryl Forchuk where he is involved in the Homes for Special Care project. In December of last year Mark completed his BScN at Western University and, on February 1, 2018 he became a Registered Nurse. Prior to this, Mark worked in Residential Drug and Alcohol Rehabilitation and also completed a degree in Medical Sciences and Biology at Western University. In addition, Mark has contributed to the work of preventing homelessness in the veteran, family, and mental health populations. With a strong commitment to working within the Mental Health Nursing field and, with aspirations to help shape policy and practice he plans to continue his education and become a Clinical Nurse Specialist thereby further contributing to the field of not only mental health, but also to homelessness and addiction research. 
  
- ❖ **Romaisa Pervez** – Romaisa is an MSc student in Epidemiology and Biostatistics at the University of Western Ontario. She did her undergraduate studies at Queen's University in Health Studies. Her interests are in innovative research to address global health issues and to provide sustainable solutions to current health epidemics. She will be working with Dr. Arlene MacDougall and the rest of the Community REcovery Achieved through Entrepreneurism (CREATE) Kenya team to establish a knowledge translation process and program evaluation of the projects implemented in Kenya. She is looking forward to doing field work in Kenya for a better understanding of the community partnerships and the participatory approach to the program. 
  
- ❖ **Julie Walsh** – Julie joined the Parkwood Institute Research team in December 2017 as the Research Facilitator for PIR, working closely with Dr. Cheryl Forchuk, Beryl and Richard Ivey Research Chair. In 2011, Julie received her Bachelor of Arts, Honours Specialization in Psychology a minor in Social Justice and Peace Studies. That same year she began working in the Mental Health Nursing Research Alliance Lab, eventually coordinating two large smart technology projects. As a Program Development Officer and Psychometrist in the Adult Eating Disorder Services (AEDS) program at LHSC, Julie developed and coordinated the formal program evaluation process of the AEDS. In early 2015, she began working as a Grant Development Officer at Lawson Health Research Institute. 

### *Student's Corner:*

- ❖ **Alec Cook** - Alec is completing his final year of high school at H.B. Beal Secondary School. He is also joining our Research and Innovation team at Parkwood Institute, Mental Health Care as a co-op student through the Partners in Experiential Learning program, although he has been involved as a member of the MINDS of London-Middlesex Core Team prior to this placement. Alec will be with us as a co-op student until the end of June. During his placement, he will be working primarily with MINDS of London-Middlesex as a Social Innovation Lab Research Assistant. Alec is also a member of London's Youth Mental Health and Addictions Council. 
  
- ❖ **Jane Gristey** - Jane is a Grade 12 student at A.B. Lucas Secondary School. She is joining our Research and Innovation team at Parkwood Institute, Mental Health Care as a co-op student through the Partners in Experiential Learning program. Jane started on February 20th and will be with us until June 19th. During her placement, she will be working on a variety of projects led by Dr. Arlene MacDougall, including the MINDS (Mental Health INcubator for Disruptive Solutions) of London-Middlesex and the Recovery Through Creative Arts program evaluation. 

## NOTABLE ACCOMPLISHMENTS...*Congratulations to:*

- ❖ **Dr. Bob Teasell** - Dr. Robert Teasell was selected as the recipient of the **2018 Award for Excellence in Post-Acute Stroke Award**, co-sponsored by the American Congress of Rehabilitation and National Stroke Association in the United States. This award recognizes outstanding clinical, intellectual, and service contributions in the area of stroke. Dr. Teasell will be presenting a featured lecture and presented the award at the American Congress of Rehabilitation Medicine, the world's largest interdisciplinary rehabilitation research conference, in Dallas Texas in September.



## GRANTS & RESEARCH FUNDING...

**Principal Investigator:** Forchuk C

**Co-Investigator(s):** Fisman S, Rudnick A, Hoch J, Lizotte D, Isaranuwatthai W, Wang X, Collins K, Eichstedt J, Mann R, Ramsay D, Seth P, Singh D, Worsfold M, Younger J, Reiss J

**Study Title:** TELEPROM-Y: Improving access and experience of mental healthcare for youth through virtual models of care

**Agency:** Ontario Centres of Excellence (Health Technologies Fund)

**Year:** 2018-2020

**Amount:** \$395,109

**Principal Investigator:** Garg A

**Co-Investigator(s):** Burneo G

**Study Title:** Population-based studies to understand the side effects of medications in the brain-kidney axis

**Year:** 2018-2020

**Amount:** \$96,500

**Principal Investigator:** Teasell R

**Co-Investigator(s):** Graham M, Bayley M, Eng J, Ploughman M, Pesseau J, Rimmer J, Salbach N, Straus S, Tang A

**Study Title:** Stroke Recovery Solutions

**Agency:** Brain Canada in partnership with the Canadian Partnership for Stroke Recovery

**Year:** 2018-2021

**Amount:** \$1,203,000

**Principal Investigator:** Teasell R

**Co-Investigator(s):** Loh E

**Study Title:** Opioid Use, Chronic Pain and Personality Traits

**Agency:** AMOSO Innovations Program

**Year:** 2018-2019

**Amount:** \$75,000

**Principal Investigator:** Vasudev K

**Co-Investigator(s):** Lanius R

**Study Title:** Sudarshan Kriya Yoga (SKY) versus Health Enhancement Program (HEP) in Post-Traumatic Stress Disorder: A Randomized Controlled Trial

**Year:** 2018-2020

**Amount:** \$117,500

**Principal Investigator(s):** Vasudev A, Rej S

**Co-Investigator(s):** Lazosky A, Speechley M

**Study Title:** Sahaj Samadhi Meditation in treatment resistant late life depression: a randomized controlled trial

**Agency:** Canadian Institutes of Health Research (CIHR)

**Year:** 2018-2021

**Amount:** \$413,100

**Principal Investigator:** Wolfe D

**Co-Investigator(s):** Cole C, Ahmed S, Craven C, Howe S, Tomasone J, Milligan J

**Study Title:** An Integrated Self-Management Service Delivery Model for Persons with SCI Across the Care Continuum

**Agency:** The Craig H Neilsen Foundation

**Year:** 2018-2021

**Amount:** \$388,806

**Of Note:** *In February Canadian Partnership for Stroke Recovery was shortlisted in the recent Networks of Centres of Excellence competition and invited to submit a full application for funding. More than 115 Letters of Intent were received for this competition and a very small number were invited to advance. A full application will be submitted by mid-July, followed by an expert review panel. Knowledge translation was a large component of the application – Stroke Engine and the EBRSR.com (run by CORRE Research Team at Parkwood Research Institute) projects were highlighted in the Letter of Intent.*

## PRESENTATIONS & INVITED LECTURES...

### JANUARY

Forchuk C, Donelle L

*Smart Technologies Workshop*

Western University. London, ON

Teasell R

*Stroke Rehabilitation in Canada*

ICOT Hospital, Ciudad de Telde, Gran Canaria. Canary Islands, ES

Teasell R

*Neurorehabilitation Systems Worldwide*

ICOT Hospital, Ciudad de Telde, Gran Canaria. Canary Islands, ES

### FEBRUARY

Borrie M

*Navigating the road ahead - Research and clinical care panel*

London & Middlesex Alzheimer's Society. London ON

## PUBLICATIONS...

### Peer-Reviewed Articles:

Amiri A, Kapral M, Thrift A, Sposato L, Saber H, Behrouz R, Mohammad M, Farzadfard T, Mokhber N, Azarpazhooh M

The incidence and characteristics of stroke in urban-dwelling Iranian women

*Journal of Stroke and Cerebrovascular Diseases, Volume 27, Issue 3, 2018, Pages 547-554*

Annweiler C, Henni S, Walrand S, Montero-Odasso M, Duque G, Duval G

Vitamin D and walking speed in older adults: Systematic review and meta-analysis. *Maturitas. 2017*

*Dec 1, 106: p.8-25, co-author, DOI: 10.1016/j.maturitas.2017.07.012*

Bergstra T, Gutmanis I, Byrne J, Faulds C, Whitfield P, McCallum S, Shadd J  
Urinary retention and medication utilization on a Palliative Care unit: A retrospective observational study. *Journal of Pain and Palliative Care Pharmacotherapy*. 2017 Sep - Dec; 31(3-4):212-217. Epub 2018 Jan 16 doi: 10.1080/15360288.2017.1417951.

Campos Freire Jr R, Pieruccini-Faria F, Montero-Odasso M  
Does the human development index affect gait performance of older adults? A systematic review. *Experimental Gerontology*. 2017 Dec 5;102: 59-68. doi: 10.1016/j.exger.2017.12.001

Chen K, Wells J, Otero M, Lwi S, Haase C, Levenson R  
Greater experience of negative non-target emotions by patients with neurodegenerative diseases is related to lower emotional well-being in caregivers. *Dement Geriatr Cogn Disord*, 2017 Dec 8; 44 (5-6): 245-255, Coauthor, DOI: 10.1159/000481132

Freire R, Pieruccini-Faria F, Montero-Odasso M  
Are human development index dimensions associated with gait performance in older adults? A systematic review. *Exp Gerontol*. 2017 Dec 5, 102: p.59-68, Senior responsible author, DOI: 10.1016/j.exger.2017.12.001.

Helmich E, Diachun L, Joseph R, LaDonna K, Noeverman-Poel N, Lingard L, Cristancho S  
'Oh my God, I can't handle this!': trainees' emotional responses to complex situations. *Med Educ*, 2018 Feb 1; 52 (2): 206-215, Coauthor, DOI: 10.1111/medu.13472

Honig LS, Vellas B, Woodward M, Boada M, Bullock R, Borrie M, Hager K, Andreasen N, Scarpini E, Liu-Seifert H, Case M, Dean RA, Hake A, Sundell K, Poole Hoffmann V, Carlson C, Khanna R, Mintun M, DeMattos R, Selzler KJ, Siemers E. Trial of solanezumab for mild dementia due to Alzheimer's Disease. *N Engl J Med*, 2018 Jan 25; 378 (4): 321-330, Coauthor, DOI: 10.1056/NEJMoa1705971.

Martin Ginis K, van der Scheer J, Latimer-Cheung A, Barrow A, Bourne C, Carruthers P, Bernardi M, Ditor D, Gaudet S, de Groot S, Hayes K, Hicks A, Leicht C, Lexell J, Macaluso S, Manns P, McBride C, Noonan V, Pomerleau P, Rimmer J, Shaw R, Smith B, Smith K, Steeves J, Tussler D, West C, Wolfe D, Goosey-Tolfrey V. Response to correspondence from the ESSA Statement authors. *Spinal Cord*, 2018;

McIntyre A, Mirkowski M, Thompson S, Burhan A, Miller T, Teasell R  
Systematic review of rTMS for post-stroke spasticity. *PM&R*

Mehta S, McIntyre A, Janzen S, Iruthayarajah J, Bateman A, Teasell R  
Pharmacological treatment of agitation post TBI. *Brain Injury* 2018; 32(3):287-296

Mehta S, Janzen S, McIntyre A, Iruthayarajah J, Loh E, Teasell R  
Does the presence of comorbid pain and depression symptoms effect the rehabilitation of individuals in spinal cord injury inpatient unit. *Spinal Cord* 2018; 24(1):37-43.

Meyer M, Kelloway L, Teasell R, Meyer S, Willems D, O'Callaghan C  
Timely access to inpatient rehabilitation after stroke: a qualitative study of barriers and solutions in Ontario, Canada. *Disability and Rehabilitation [epub ahead of print, Sept 18, 2017, 1-7]*.  
Mirkowski M, Pereira S, Janzen S, Meyer M, McClure A, Speechley M, Teasell R  
Caregiver availability for severe strokes results in improved functional gains during inpatient rehabilitation. *Disability and Rehabilitation* 2018; 40(4):457-61

Mokhber N  
Epidemiology of intracranial and extracranial large artery stenosis in a population-based study of stroke in the Middle East. *Neuroepidemiology* 2017;48:188-192

Mokhber N

The incidence and characteristics of stroke in urban-dwelling Iranian women. *Journal of Stroke and Cerebrovascular Diseases*

Montero-Odasso M, Speechley M

Falls in cognitively impaired older adults: Implications for risk assessment and prevention

*Journal of the American Geriatrics Society*. 2018 January. doi:10.1111/jgs.15219

Morovatdar N, Thrift A, Kapral M, Behrouz R, Saber H, Amiri A, Farzadfard M, Mokhber N, Stranges S, Azarpazhooh M

Long-term outcomes of Ischemic Stroke of undetermined mechanism: A population-based prospective cohort. *Neuroepidemiology*. 2017;49(3-4):160-164. doi: 10.1159/000482019. Epub 2017

Saber H, Amiri A, Thrift A, Stranges S, Bavarsad Shahripour R, Farzadfard M, Mokhber N, Behrouz R, Azarpazhooh M

Epidemiology of Intracranial and Extracranial Large Artery Stenosis in a Population-Based Study of Stroke in the Middle East. *Neuroepidemiology* 2017;48:188-192

Wiener J, Hsieh J, McIntyre A, Mehta S, Janzen S, Teasell R. 4AP for spasticity post SCI. *Topics in Stroke Rehabilitatio*. Epub 2017

## MEDIA RELATIONS...

### Dr. Cheryl Forchuk

- **980 CFPL Interview** - On February 5, 2018 Cheryl participated as part of a group interview to present findings of the "Prevention of Homelessness among Families" project. The article can be accessed via the following link: <https://globalnews.ca/news/4007555/pilot-project-to-divert-families-away-from-emergency-shelters-in-london-a-success>

## CALENDAR OF EVENTS...

### World Delirium Awareness Day: Delirium Prevention

**March 14th 2018**

❖ Information Booths at LHSC University, Victoria and Parkwood Main sites from 11am to 3pm  
Details: Dr. Niamh O'Regan at [niamh.oregan@sjhc.london.on.ca](mailto:niamh.oregan@sjhc.london.on.ca) or [idelirium.ifds@gmail.com](mailto:idelirium.ifds@gmail.com)

### PIR Research Day

**April 27, 2018**

Details: <https://www.eventbrite.com/e/pir-half-day-spring-2018-update-tickets-43975844936>

