



## **2012-2013 Research Activities**

<b>1.0</b>	<b>Peer Reviewed Publications .....</b>	<b>2</b>
<b>2.0</b>	<b>Journal Publication (Abstracts).....</b>	<b>5</b>
<b>3.0</b>	<b>Peer Reviewed Publications (In Press, Submitted, Under Review) .....</b>	<b>6</b>
<b>4.0</b>	<b>Other Publications.....</b>	<b>7</b>
<b>5.0</b>	<b>Presentations at local, national, international meetings .....</b>	<b>8</b>
<b>6.0</b>	<b>New Studies .....</b>	<b>12</b>
<b>7.0</b>	<b>Expert Reviewers .....</b>	<b>17</b>
<b>8.0</b>	<b>Awards.....</b>	<b>18</b>

*The following report details West Park's research activities separated by study type/event and research themes*

## **1.0 PEER REVIEWED PUBLICATIONS**

### ***Respiratory Rehab***

**Beauchamp M, Sibley K, Lakhani B, Romano J, Mathur S, Goldstein R, Brooks D.** Impairments in systems underlying control of balance in chronic obstructive pulmonary disease. *Chest* 2012; 141(6):1496-503.

**Beauchamp M, Evans R, Janaudis-Ferreira T, Goldstein R, Brooks D.** Systematic review of supervised exercise programs after pulmonary rehabilitation in individuals with COPD. *Chest* February 2013. Online.

Bourbeau J, Tan WC, Benedetti A, Aaron S, **Goldstein R.** Canadian Cohort Obstructive Lung Disease (CanCOLD): Fulfilling the Need for Longitudinal Observational Studies in COPD. *Journal of Chronic Obstructive Pulmonary Disease* 2012; 9:1-8.

**Brooks D, McNeely M.** The Importance of Transparent Reporting of Systematic Reviews. *Physiotherapy Canada* 2013; 6(1): 1-2.

**Dolmage T, Janaudis-Ferreira T, Hill K, Price S, Brooks D, Goldstein R.** Arm Elevation and Coordinated Breathing Strategies in Patients with Chronic Obstructive Pulmonary Disease. *Chest* 31 January 2013. Doio:10.17378/Chest.12-2467.

**Dolmage T, Hill K, Evans R, Goldstein R.** Learning from the learning effect in the six-minute-walk test. *American Journal of Respiratory and Critical Care Medicine* 2012; 185:684

**Dolmage T, Evans R, Hill K, Blouin M, Brooks D, Goldstein R.** The Effect of Pulmonary Rehabilitation on Critical Walk Speed in Patients With COPD: A Comparison With Self-Paced Walks. *Chest* 2012; 141:413-419.

**Evans R, Catapano M, Brooks D, Goldstein R, Avendano M.** Family caregiver perspectives on caring for ventilator-assisted individuals at home. *Canadian Respiratory Journal* 2012; 19(6): 373-379

Falzon D, **Avendano M, Gandhi GB, Migliori G, Sotgiu G., et al.** Resistance to fluoroquinolones and second-line injectable drugs: impact on MDR-TB outcomes. *The European Respiratory Journal Express*, 5 October 2012. Online.

Ferreira IM, **Brooks D, White J, Goldstein R.** Nutritional 9 for stable chronic obstructive pulmonary disease. *Cochrane Database System Review* 2012; 12:CD000998.

Gershon AS, **Dolmage T, Stephenson A, et al.** Chronic Obstructive Pulmonary Disease and Socioeconomic Status: A Systematic Review. *Journal of Chronic Obstructive Pulmonary Disease* 2012; 9:216-226.

**Goldstein R, Hill K, Brooks D, Dolmage TE.** Pulmonary rehabilitation: A review of the recent literature. *Chest* 2012;142(3):738-749.

**Hill K, Dolmage T, Woon L, Goldstein R, Brooks D.** A simple method to derive speed for the endurance shuttle walk test. *Respiratory Medicine* 2012; 106(12):1665-70.

**Hill K, Dolmage T, Woon L, Goldstein R, Brooks D, Coutts D.** Comparing Peak and Sub-Maximal Cardiorespiratory Responses During Field Walking Tests with Incremental Cycle Ergometry in COPD. *Respirology* 2012; 17(2): 278-284.

**Hill K, Dolmage T, Woon L, Goldstein R, Brooks D, Coutts D.** Defining the Relationship between Average Daily Energy Expenditure, Field-Based Walking Tests and Aerobic Reserve in COPD. *Chest* 2012; 141(2): 406-412.

**Hill K, Dolmage T, Woon L, Goldstein R, Brooks D.** Rollator Use Does Not Consistently Change the Metabolic Cost of Walking in People With Chronic Obstructive Pulmonary Disease. *Archives Physical Medicine and Rehabilitation* 2012; 93(6): 1077-1080.

**Janaudis-Ferreira T, Beauchamp M, Goldstein R, Brooks D.** How should we measure arm exercise capacity in individuals with COPD: a systematic review. *Chest* 2012; 141(1): 111-120.

**Janaudis-Ferreira T, Brooks D.** How should we train the upper limbs? *Chronic Respiratory Disease* 2012; 9(3):151-152.

**Janaudis-Ferreira T, Hill K, Brooks D, Wadell, K.** Relationship and Responsiveness of Three Upper Extremity Tests in Patients with Chronic Obstructive Pulmonary Disease. A Brief Report. *Physiotherapy Canada* 2012; 1:1-4.

Lacasse Y, Bernard S, Maltaise F, **Goldstein R.** Evidence-based oxygen therapy: Missed and future opportunities. *Revista portuguesa de pneumologia. Revista Portuguesa de Pneumologia* 2012; 18(6): 257-279.

Ottensmeyer C, Chatta S, Jayawadena S, McBoyle K, Wrong C, Ellerton C, **Mathur S, Brooks D.** Weekend physiotherapy practice in community hospitals in Canada. *Physiotherapy Canada* 2012; 64(2):178-187.

Sadeghi S, **Romano J, Brooks D, Goldstein R.** Growing awareness of the Importance of Health Literacy in COPD. *The Journal of Chronic Obstructive Pulmonary Disease* 2013; 10(1):72-78.

Sadeghi S, **Brooks D, Goldstein R.** Patients' and Providers' perception of the impact of health literacy on communication in pulmonary rehabilitation. *Chronic Respiratory Disease*, 30 January 2013. Online.

Wickerson L, **Mathur S, Helm D, Singer LS, Brooks D.** Physical activity profile in individuals with advanced interstitial lung disease. *Journal of Cardiopulmonary Rehabilitation and Prevention* February 2013. Online.

### ***Spasticity/Neuro***

Canning M, **Boulias C, Ismail F.** A Survey of Rural and Urban Family Physicians: Analysis of Spasticity Health Literacy and Availability of Appropriate Spasticity Care. University of Toronto Medical Journal 2013; 90(3).

**Phadke C.** Clinician's Commentary on Kawashima et al. 1. Physiotherapy Canada 2013; 65(1):29-30.

**Phadke C, Boulias C, Ismail F.** Re: Botulinum Toxin Type A Injection Into the Gastrocnemius Muscle for Spastic Equinus in Adults With Stroke. American Journal of Physical Medicine & Rehabilitation 2013 [Epub ahead of print].

**Phadke C, On A, Kirazli Y, Ismail F. Boulias C.** Intrafusal effects of botulinum toxin injections for spasticity: Revisiting a previous paper. Neuroscience Letters 2013; 541:20-23.

**Phadke C, Balasubramanian C, Ismail F, Boulias C.** Revisiting Physiologic and Psychologic Triggers that Increase Spasticity. American Journal of Physical Medicine & Rehabilitation 2013; 92(4): 357-69.

**Phadke C, On A, Kirazli Y, Ismail F. Boulias C.** Botulinum Toxin Induces Chemodenervation of Intrafusal and Extrafusal Fibers. Journal of Child Neurology 2013;28(6): 816.

### ***Amputee Rehab***

Hebert J, Deathe B, Wolf D, **Devlin M,** Payne M. Comorbidities in Amputation: A systematic review of hemiplegia and lower limb amputation. Disability and Rehabilitation 2012;34(23):1943-1949.

### ***Knowledge Translation***

**Cowie B.** Understanding compression for venous leg ulcers. Nursing 2013;43(1):66-68.

## **2.0 JOURNAL PUBLICATIONS (ABSTRACTS)**

### ***Respiratory Rehab***

**Dolmage T, Janaudis-Ferreira T, Price S, Brooks D, Goldstein R.** Arm Elevation and Coordinated Breathing Strategies in Patients with Severe COPD, American Journal of Respiratory and Critical Care Medicine 2012, A3670.

**Dolmage T, Evans R, O'Brien L, Goldstein R.** Does Breathing Helium-Hyperoxia Increase the Tolerance of One-Legged Exercise in Ventilatory Limited Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine 2012, A2399.

### **3.0 PEER REVIEWED PUBLICATIONS (IN PRESS, SUBMITTED, UNDER REVIEW)**

#### ***Respiratory Rehab***

**Beauchamp M, Francella S, Romano J, Goldstein R, Brooks D.** A novel approach to long-term respiratory care: results of a fully integrated community-based post-rehabilitation maintenance program in COPD. *Respiratory Medicine*. Under review.

**Dolmage T, Hill K, Price S, Brooks D, Goldstein R.** Arm elevation and co-ordinated breathing strategies in patients with COPD. *Chest* 2013. In press.

**Dolmage T, Evans R, Goldstein R.** Defining hyperinflation as 'dynamic': Moving toward the slope. *Respiratory Medicine* 2013. In press.

Gershon AS, Guan J, **Goldstein R**, To T. Quantifying Health Service Use in COPD. *American Journal of Respiratory and Critical Care Medicine* 2013. In Press.

McCord J, Jaffer N, Kraier J, Ryan R, **Mathur S.** A description of cardiopulmonary physical therapy practice in the paediatric intensive care unit. *Physiotherapy Canada* January 2013. In press.

#### ***Spasticity/Neuro***

**Boulias C, Ismail F, Phadke, C.** Letter to family physicians practicing in Ontario. *Ontario Medical Review* 2013.

**Pauley T, Phadke C, Boulias C, Ismail F, Devlin M.** A comparison of foot pedal reaction time among patients with right- or left-hemiplegia and able-bodied controls. *Topics in Stroke Rehabilitation* 2013. In press.

#### **4.0 OTHER PUBLICATIONS**

**Avendano M.** Drug-Resistant Tuberculosis. Canadian Tuberculosis Standards, 7th Edition, Chapter 8, pages 1-45, 2013.

**Avendano M.** Multidrug Resistant Tuberculosis treatment regimens and patient outcomes: an individual patient Data (IPD) Meta-Analysis of 9,153 patients. Public Library of Science (PLOS) Medicine 2012; D-11-02356R3.

**Brooks D,** Gibson B, **Goldstein R.** Perspectives on Long Term Ventilation: The perspective of patients. Ventilatory Support in Chronic Respiratory. In press.

Casey D, **Goldstein R.** Oxygen. Dyspnea: Mechanisms, Measurement and Management, 3rd Edition. Chapter 15, Section C. Management, 2013.

**Dolmage T, Hill K, Evans R, Goldstein R.** Has my patient responded. Letter to the editor. American Journal of Respiratory and Critical Care Medicine 2012.

**Dolmage T, Hill K, Evans R, Goldstein R.** Learning form the learning effect in the six-minute walk test Letter to the editor. American Journal of Respiratory and Critical Care Medicine 2012.

**Evans RA** (Eds.) L. Nici and R. ZuWallack, Varadi R, Mirzaei K, **Goldstein R.** Pharmacologic Treatment Strategies. Chronic Obstructive Pulmonary Disease Co-Morbidities and Systemic Consequences. Chapter 13, ISBN: 978-1-60761-672-6, Humana Press.

**Evans R, Goldstein R.** Pulmonary Rehabilitation Comprehensive Biomedical Physics. Elsevier BV 2013. In Press.

**Hill K, Goldstein R.** Acute exacerbations of COPD - will on-call physiotherapy allow for early initiation of rehabilitation. Letter to the editor. Chest 2012.

## **5.0 PRESENTATIONS AT LOCAL-NATIONAL-INTERNATIONAL MEETINGS**

### ***Respiratory Rehab***

**Avendano M.** TB and the Elderly. The Lung Association's 2012 Tuberculosis Conference, Toronto, Canada, 20 November 2012.

**Beauchamp M, Romano J, Goldstein R, Brooks D.** Effects of a 1-year community-based maintenance exercise program in patients with COPD. American Thoracic Society Congress, San Francisco, USA, May 2012.

**Beauchamp M, Gibson B, Romano J, Goldstein R, Brooks D.** Feasibility and acceptability of a community-based maintenance exercise program for individuals with COPD. Canadian Respiratory Conference, Vancouver, Canada, April 2012.

**Desveaux L, Mathur S, Goldstein R, Brooks D.** Perspectives of Primary Stakeholders on Community Based Post-Rehabilitation Exercise Programs for Individuals with Stroke and COPD Better Breathing 2013 Toronto, Canada, 1 February 2013.

**Dolmage T.** Going tougher on the muscle: the physiology behind one-legged exercise training. European Respiratory Society Annual Congress: Symposium "An Olympian challenge: winners and losers in exercise training, Vienna, Austria, September 2012.

**Dolmage T, Evans R, Brooks D,** et al. Does Breathing Helium-Hyperoxia Increase The Tolerance Of One-Legged Exercise In Ventilatory Limited Patients With Chronic Obstructive Pulmonary Disease (COPD)? 12th Annual Research Day in Respiriology, June 2012.

**Dolmage T, Janaudis-Ferreira T, Hill K,** et al. Arm Elevation And Coordinated Breathing Strategies In Patients With Severe Chronic Obstructive Pulmonary Disease (COPD). 12th Annual Research Day in Respiriology, June 2012.

**Dolmage T, Evans R, Malek N,** et al. Investigation Of A Simple Method To Set The Walking Speed For The Assessment Of Ambulatory Oxygen In Patients With Chronic Lung Disease. 12th Annual Research Day in Respiriology, June 2012.

**Dolmage T, Evans R, Brooks D,** et al. Does Breathing Helium-Hyperoxia Increase The Tolerance Of One-Legged Exercise In Ventilatory Limited Patients With Chronic Obstructive Pulmonary Disease (COPD)? American Journal of Respiratory and Critical Care Medicine 2012; 185:A2399 American Thoracic Society Conference, San Francisco, USA, May 2012.

**Dolmage T, Janaudis-Ferreira T, Hill K,** et al. Arm Elevation And Coordinated Breathing Strategies In Patients With Severe Chronic Obstructive Pulmonary Disease (COPD). American Journal of Respiratory and Critical Care Medicine 2012; 185:A3670 American Thoracic Society Conference, San Francisco, USA, May 2012.

**Dolmage T, Evans R, Malek N,** et al. Investigation Of A Simple Method To Set The Walking Speed For The Assessment Of Ambulatory Oxygen In Patients With Chronic Lung Disease. American Journal of Respiratory and Critical Care Medicine 2012; 185:A4861 American Thoracic Society Conference, San Francisco, USA, May 2012.



**Dolmage T, Evans R, Brooks, D, Goldstein R.** Does Breathing Helium-Hyperoxia Increase The Tolerance Of One-Legged Exercise In Ventilatory Limited Patients With Chronic Obstructive Pulmonary Disease (COPD)? Canadian Respiratory Conference, Vancouver, Canada, 2012.

**Dolmage T, Evans R, Malek N, O'Brien L, Goldstein R.** Investigation Of A Simple Method To Set The Walking Speed For The Assessment Of Ambulatory Oxygen In Patients With Chronic Lung Disease Goldstein. Canadian Respiratory Conference, Vancouver, Canada, 2012.

**Dolmage T, Janaudis-Ferreira T, Price S, Brooks D, Goldstein R.** Arm Elevation and Coordinated Breathing Strategies in Patients with Severe Chronic Obstructive Pulmonary Disease (COPD). Canadian Respiratory Conference, Vancouver, Canada, 2012.

**Evans RA, Dolmage TE, Robles PG, Brooks D, Goldstein RS.** Do field walking tests produce similar cardiopulmonary demands as an incremental treadmill test in obesity? European Respiratory Society Annual Congress, Vienna, Austria, September 2012.

**Evans R, Dolmage T, Robles P,** et al. How Does Weight Supported (Cycling) Or Weight Carrying (Treadmill) Exercise Affect Peak Oxygen Uptake In Obesity? American Journal of Respiratory and Critical Care Medicine 2012; 185:A4857 American Thoracic Society Conference, San Francisco, USA, May 2012.

**Evans RA, O'Brien L, Avendano M, Goldstein R.** Audit of the Cardiac Management of Patients with Duchenne Muscular Dystrophy on Ventilatory Support. American Thoracic Society Conference, San Francisco, USA, May 2012.

**Evans RA, Dolmage TE,** Mangovski-Alzamora S, **Brooks D, Goldstein RS.** Single Leg Cycling for COPD: Knowledge Translation to Pulmonary Rehabilitation. European Respiratory Society Annual Congress, Vienna, Austria, September 2012.

**Evans RA,** Kaplovitch E, **Beauchamp M, Goldstein R, Brooks D,** Gillies C, **Mathur S.** Is quadriceps muscle endurance reduced in COPD? A systematic review and meta-analysis. European Respiratory Society Annual Congress, Vienna, Austria, September 2012.

**Evans RA, Dolmage TE, Robles PG, Brooks D, Goldstein RS.** A comparison of the energy expenditure between weight supported and unsupported exercise in obesity. European Respiratory Society Annual Congress, Vienna, Austria, September 2012.

**Goldstein R.** COPD from spirometry to rehabilitation. Israel Society of Pulmonology, Tel Aviv, Israel, February 2013.

**Goldstein R.** Systematic review of the effect of maintenance interventions: different approaches. 7th International Conference on Management and Rehabilitation of Chronic Respiratory Failure. AIMAR, Turin, Italy, April 2012.

**Goldstein R.** The rational use of supplemental oxygen. Israel Society of Pulmonology, Tel Aviv, Israel February 2013.

**Goldstein R.** Milestones in Pulmonary Rehabilitation. 2012 Canadian Respiratory Conference, Vancouver, Canada, April 2012.

**Goldstein R.** Psychological consequences of disease - prevalence of anxiety and depression, impact of rehabilitation. 7th International Conference on Management and Rehabilitation of Chronic Respiratory Failure. AIMAR. Turin, Italy, April 2012.

**Goldstein R.** Rehabilitation interventions for patients with very severe COPD. American Thoracic Society International Conference, San Francisco, USA, May 2012.

**Hill K, Dolmage T, Woon L, Coutts D, Goldstein R.** A simple method to derive speed for the endurance shuttle walk test Thoracic Society of Australia and New Zealand. Canberra, Australia, March 2012.

**Janaudis-Ferreira T, Beauchamp M, Goldstein R, Brooks D.** How should we measure arm exercise capacity in individuals with COPD: a systematic review. Canadian Respiratory Conference, Vancouver, Canada, April 2012.

**Janaudis-Ferreira T, Beauchamp M, Robles P, Goldstein R, Brooks D.** Measurement of activities of daily living in COPD. A Systematic Review. Better Breathing Conference (Ontario Lung Association), Toronto, Canada, January 2013.

**Janaudis-Ferreira T, Beauchamp M, Goldstein R, Brooks D.** How should we measure arm exercise capacity in individuals with COPD: a systematic review. Better Breathing Conference (Ontario Lung Association), Toronto, Canada, January 2013.

**Janaudis-Ferreira T, D'Souza L, Goldstein R, Brooks D.** Prevalence and Profile of patients with a co-morbid COPD diagnosis discharged from non-pulmonary rehabilitation programs. Better Breathing Conference (Ontario Lung Association), Toronto, Canada, January 2013.

**Janaudis-Ferreira T, Hill K, Goldstein R, Robles-Ribeiro P, Beauchamp M.** Resistance arm training in patients with chronic obstructive pulmonary disease: a randomized controlled trial. Young Investigator Forum (The Institute of Circulatory and Respiratory Health). Montreal, Canada, June 2012.

**Mathur S,** Topalovic N, Sala J, Chow G, Gage WH, Cameron J, Herridge MS. Decrements in muscle strength and muscle power following critical illness Combined Sections Meeting. American Physical Therapy Association, San Diego, USA, 22 January 2013.

**Robles P, Brooks D, Goldstein R,** Naraghi A, Sussman M, White L, **Mathur S.** Skeletal muscle quality is associated with physical function in people with COPD. American College of Sports Medicine Conference, San Francisco, USA, May 2012.

Sweetnam A, Vergara M, Gage W, Herridge M, **Mathur S.** Control of gait in patients following intensive care unit discharge. International Society for Posture and Gait Research Conference, Norway, June 2012.

Wickerson L, **Mathur S**, Mendes P, Helm, D, Singer, L., **Brooks, D**. Early functional changes following hospitalization for lung transplantation. American Thoracic Society Annual Meeting, San Francisco, USA, May 2012.

### ***Spasticity/Neuro***

Edwards K, McTavish J, **Ismail F, Boulias C, Phadke C**. Spasticity, co-contraction and elbow function for reaching: Are they related? Canadian Association for Occupational Therapists (CAOT) Annual Conference, Quebec, June 6-9 2012.

Fung S, **Phadke C**, Kam A, **Ismail F, Boulias C**. Effect of topical anesthetics on needle insertion pain during botulinum toxin type A injections for limb spasticity. TOXINS 2012: Basic Science and Clinical Aspects of Botulinum and Other Neurotoxins, Miami Beach, USA. December 5 - 8, 2012.

Gugnani M, **Boulias C, Ismail, F, Phadke C, Pauley T**. Botulinum Toxin-A and Functional Rehabilitation of Upper Extremity Canadian Association for Occupational Therapists (CAOT) Annual Conference, Quebec, June 6-9 2012.

**Phadke C**, Balasubramanian C, **Ismail F, Boulias C**. Revisiting physiological and psychological stressors that increase spasticity. European Federation of Neurological Societies, Stockholm, Sweden, September 8-11 2012.

**Phadke C**, Nair P, Madhavan S, Bowden M, Thompson FJ, Behrman AL. Effect of locomotor training on reflex activity in patients with motor incomplete spinal cord injury. Combined Sections Meeting, APTA San Diego Conference Centre, San Diego, USA, January 24-26 2013.

### ***Amputee Rehab***

**Pauley T, Devlin M**. A single-blind, cross-over trial of hip abductor strength training to improve gait and balance in patients with unilateral, transfemoral amputation. Canadian Association for Prosthetics & Orthotics 2012 Conference, The Fairmont Empress, Victoria, British Columbia, August 1-5, 2012.

**Pauley, T., Devlin, M**. Development of a novel in-home, DVD-based exercise intervention for patients with unilateral, transtibial amputation. Canadian Association for Prosthetics & Orthotics 2012 Conference, The Fairmont Empress, Victoria, British Columbia, August 1-5, 2012.

**Pauley, T., Devlin, M**. Compensatory stepping reactions in a group of working-age adults with unilateral, transtibial amputation in response to postural perturbation. Canadian Association for Prosthetics & Orthotics 2012 Conference, The Fairmont Empress, Victoria, British Columbia, August 1-5, 2012.

### ***Knowledge Translation***

**Cowie B.** A Journey Towards Person-centered After Death Care: Unearthing Tradition, Assumptions and Values through Practice Development Enhancing Practice 2012, Practice Development Conference, Sydney, Australia, 3 October 2012.

**Cowie B.** Best Practices, Bladder Scan. Canadian Nurse Continence Advisors Association (CNCA) Biennial Conference, Winnipeg, Manitoba, 7 September 2012.

**Cowie B.** Interprofessional Continence Promotion and Management in Patients With Multiple Sclerosis, Exploring Practice Complexities. Workshop. Canadian Nurse Continence Advisors Association (CNCA) Biennial Conference, Winnipeg, Manitoba, 7 September 2012.

**Cowie B.** Best Practices, Urinary Tract Infections in Long-Term Care. Workshop Canadian Nurse Continence Advisors Association (CNCA) Biennial Conference, Winnipeg, Manitoba, 7 September 2012.

**Cowie B.** Continence Assessment and Management in Long-Term Care Improving Continence Collaborative, Phase 5 (IC3), Videoconference and Webinar, 27 September 2012.

**Cowie B.** Evidenced-informed Person-centered Continence Care and Falls, Toronto CCAC Toronto, Canada, 31 May 2012.

**Janes, N.** Moving mountains towards cultures of excellence: Enacting transformational leadership accountabilities through a practice development framework. NLN Annual Conference for Health Care Leaders and Administrators, Nursing Leadership: Taking Accountability for Quality Care, Toronto, Ontario, 2013.

Piaskowski, Pat **Cowie B.** Catheters & Urinary Tract Infections Improving Continence Care Collaborative, Phase 6 (IC3), Videoconference and Webinar, January 2013.

Wilson V, **Janes N.** Evaluating practice change: Developing a 'good enough' approach. Workshop facilitated at the Enhancing Practice, 12 Conference, Sydney, Australia, October 31-November 2 2012.

### ***Acquired Brain Injury***

**Gerber G**, Gunnell K, Grange J, **Gargaro J.** Helping to belong: Improvements in community integration, challenging behaviours, and family burden for persons living with acquired brain injury GTA Rehab Network Best Practices Day, Toronto, Ontario, 25 February 2013.

**Gerber G**, **Gargaro J**, **Paner R**, McMakin S. Predictors of community integration and quality of life following acquired brain injury. GTA Rehab Network Best Practices Day, Toronto, Ontario, 25 February 2013.

## 6.0 NEW STUDIES

### *Respiratory Rehab*

**Avendano M, Brode S, Varadi R, Song H.** Enhanced therapy for disseminated tuberculosis

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Avendano M, Jamieson F, Li J.** Identification of genetic mutation in mycobacterium tuberculosis that play a role in disease progression

**Funding Source:** None

**Amount:** N/A

**Duration:** 2 years

**Brooks D, Goldstein R, Beauchamp M, Desveaux L.** A randomized controlled trial of a post-rehabilitation community-based exercise program for individuals with COPD

**Funding Source:** Ontario Lung Association (OLA)

**Amount:** \$50,000

**Study duration:** 1 year

**Desveaux L, Beauchamp M, Coutts D, Rittaca F, Goldstein R, Brooks D.** Randomized controlled trial of a community-based exercise program for preventing functional decline among individuals with chronic obstructive pulmonary disease

**Funding Source:** Ontario Thoracic Society

**Amount:** \$50,000

**Study duration:** 5 years

**Goldstein R, Brooks D.** Patient and provider perspectives on a community-based, post-rehabilitation exercise program for chronic cardiovascular and respiratory disease

**Funding Source:** Ontario Respiratory Care Society (ORCS) and Canadian Lung Association (CLA)

**Amount:** \$8,000 and \$13,000 respectively

**Study duration:** 1 year

**Goldstein R, Dolmage T, Rozenberg D, Evans R.** Repeatability Properties of the Usual/Fast Walk Measurement and Its Precision in Predicting Constant Walk Speed Endurance Time in Patients with Chronic Obstructive Pulmonary Disease (COPD)

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Janaudis-Ferreira T, Stergiou Kita M, Beauchamp M, Goldstein R, Brooks D.** Improving measurement of activities of daily living in individuals with COPD

**Funding Source:** Canadian Respiratory Health Professionals (CRHP) and Ontario Respiratory Care Society (ORCS)

**Amount:** \$10,449 and \$10,000 respectively

**Study duration:** 1 year

**Janaudis-Ferreira, T. , Goldstein R, Brooks D.** Prevalence and Profile of patients with a co-morbid COPD diagnosis discharged from non-pulmonary rehabilitation programs

**Funding Source:** St. John's Rehab Foundation

**Amount:** \$4,150

**Study duration:** 6 months

Lo V, **Mathur S.** The Effects of Electrical Muscle Stimulation (EMS) on Muscle Atrophy and Functional Outcomes in Critically Ill Patients: a pilot randomized controlled trial

**Funding Source:** Ontario Respiratory Care Society, Lung Association

**Amount:** \$24,931

### ***Spasticity/Neuro***

**Boulias C, Ismail F, Phadke C, Shaikh A.** Prevalence of pain in patients with spasticity

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Boulias C, Ismail F, Phadke C,** Fennel J, Mochizuki G. Comparison of activation characteristics of two shoulder muscles during shoulder retraction exercises

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Madan-Sharma P, Chan K.** A review of the relationship between Rehab Patient Grouping and outcomes on the inpatient stroke program at West Park Healthcare Centre – A program evaluation

**Funding Source:** None

**Amount:** N/A

**Study duration:** 5 months

**Phadke C,** Tran-Nguyen K-M, Wijekoon S, **Boulias C, Ismail, F.** Seasonal changes in outdoor activities in patients with spasticity

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Phadke C, Boulias C, Ismail F,** Minh K, Nguyen T. Schindri W. Comparison of outdoor activities in summer and winter in patients with spasticity

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Phadke C, Boulias C, Ismail F, Gage W.** Effect of two types of cycling exercises on spasticity in adults with cerebral palsy

**Funding Source:** Ontario Federation for Cerebral Palsy

**Amount:** \$19,000

**Study duration:** 2 years

**Phadke C, Boulias C, Ismail F, Brooks D,** et al. Environmental and personal factors that affect spasticity

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Phadke C, Boulias C, Ismail F,** Cheung J. et al. Patient identified factors that influence spasticity in individuals living with spasticity

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

**Phadke C, Boulias C, Ismail F,** Gage W, Mochizuki G. Systematic review of balance impairments and spasticity

**Funding Source:** None

**Amount:** N/A

**Study duration:** 2 years

**Phadke C, Boulias C, Ismail F,** Rahimzadeh R, Gage W, Mochizuki G. Prevalence of balance impairments in patients with spasticity post-stroke

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

### ***Amputee Rehab***

**Desveaux L, Pauley T, Dilkas S, Devlin M, Goldstein R, Brooks D.** Characterizing Physical Activity Patterns and Preparedness for Community-Based Exercise in Individuals with a Lower Extremity Prosthesis

**Funding Source:** None

**Amount:** n/a

**Study duration:** 1 year

**Pauley T, Devlin M,** Payne M, **Body J, Dilkas S.** A randomized, controlled trial of in-home exercise training to maintain strength and functional performance in patients with unilateral, lower-limb amputation

**Funding Source:** West Park Healthcare Centre Foundation

**Amount:** \$2,000

**Study duration:** 1 year

**Pauley T, Paner R, Devlin M, Dilkas S.** Development of an amputee specific normative database using the GAITRite® system

**Funding Source:** West Park Healthcare Centre Foundation

**Amount:** \$40,000

**Study duration:** 1 year

**Pauley T, Soric R, Dilkas S, Fortin C.** Return to Driving after knee and hip joint Replacement: a survey study

**Funding Source:** None

**Amount:** N/A

**Study duration:** 1 year

### ***Knowledge Translation***

**Janes N, Bell B, Cowie B, McCormack C, Boyd B.** Revealing and Acting on Patient Care Experiences: Exploring the Use of Photovoice in Practice Development Work through Case Study Methodology

**Funding Source:** Sigma Theta Tau International, Lambda Pi-At-Large Chapter, Research Seed Grant

**Amount:** \$1,000



## **7.0 EXPERT REVIEWERS**

### ***Respiratory Rehab***

#### **Brooks D.**

Associate Editor, Canadian Respiratory Journal  
Member, Editorial Board, Physiotherapy Practice and Research  
Scientific Editor, Physiotherapy Canada

#### **Goldstein R.**

Member, Editorial Board, CHEST  
Member, Editorial Board, THORAX  
Member, Editorial Board, Journal of Cardiovascular Pulmonary Rehabilitation and Prevention  
Member, Editorial Board, Journal of Chronic Obstructive Pulmonary Disease

## **8.0 AWARDS**

### ***Respiratory Rehab***

**Brooks D.** Queen Jubilee Award/Medal for significant contributions and achievements by Canadians. 2012.

**Desveaux, L.** Lisa Cicutto Award for Best Presentation by a Student Investigator, 2013

**Goldstein R, Brooks D.** Ontario Lung Association – Pfizer Canada COPD/Smoking Cessation Award, February 2013.

**Janaudis-Ferreira T.** CIHR – Institute of Circulatory and Respiratory Health (ICRH) Young Investigator Forum Travel Award, June 2012.