## 2011-2012 Research Activities

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1.0 PEER REVIEWED PUBLICATIONS

**Beauchamp, MK.** Clinician’s Commentary. Physiotherapy Canada 2011;63(4):432-33.


**Dolmage, TE., Evans, RA., Hill, K., Blouin, M., Brooks, D., Goldstein, RS.** 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, RA., Goldstein, RS.** Long term oxygen therapy: still not preventing the blues? Chest 2011;139(2):435-40

**Evans, RA.** Developing the model of Pulmonary Rehabilitation for patients with Chronic Heart Failure. Chronic Respiratory Disease. 2011;8(4):259-69.


Janaudis-Ferreira, T., Hill, K., Goldstein, R.S. Resistance Arm Training in Patients with COPD: A Randomized Controlled Trial. Chest 2011; 139:151-158.


Phadke, C., Boulia, C., Ismail, F. Assessing the neurophysiological effects of botulinum toxin treatment for adults with focal limb spasticity – A systematic review Disability and rehabilitation 2012; 34(2):91-100.


2.0 JOURNAL PUBLICATION (ABSTRACTS)


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


4.0 OTHER PUBLICATIONS


5.0 PRESENTATIONS AT LOCAL-NATIONAL-INTERNATIONAL MEETINGS

Beauchamp, M., Brooks, D. Exercise testing and prescription for individuals with respiratory disease. Invited guest lecture for the McMaster Master’s in Physiotherapy Program, Hamilton, Ontario, May 9, 2011.


Beauchamp, MK., Janaudis-Ferreira, T., Goldstein, RS., Brooks, D. Optimal Duration of Pulmonary Rehabilitation for Individuals with Chronic Obstructive Pulmonary Disease - A Systematic Review. Canadian Respiratory Conference, Toronto, Canada, April 2011.


Cowie, B. Urinary Tract Infections in Long-term Care, Ontario Long-term Care Homes SHRTN. Continence CoP Videoconference and Webinar, Toronto, Canada, September 15, 2011.


Cowie, B., Barnes, M., Bell, K. Creating a Shared Vision for Person-Centred Practice in CCC. Complex Continuing Care Conference, Clinical Scholarship: Promoting Evidence-Informed Interprofessional Practice in CCC, Toronto, Canada, April 8, 2011.

Cowie, B. Best Practices for Bladder Ultrasound Devices Canadian Nurse Continence Advisor Association Fall Education Day Live and on Elluminate (on-line), Hamilton, Canada, November 4, 2011.

Devlin, M. Synergy of care vs. who needs prosthetists anyway. Ontario Association for Amputee Care Hamilton, Canada, April 30, 2011.

Devlin, M. Bilateral transfemoral amputation: where to start? Ontario Association for Amputee Care Hamilton, Canada, April 30, 2011.


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


Evans, R., Dolmage, T., Robles, PG., Goldstein, R., Brooks, D. Do field walking tests produce similar cardiopulmonary demands as an incremental treadmill test in obesity? European Respiratory Society Annual Congress, 2012.

Evans, RA., Hill, K., Dolmage, T., Brooks, D., Goldstein, RS. Properties Of Self Paced Walking; A Patient-Goal Orientated Assessment For Pulmonary Rehabilitation. 11th Annual Research Day in Respirology, June 2011.

Evans, RA., Hill, K., Dolmage, T., Brooks, D., Goldstein, RS. Properties of Self Paced Walking in Chronic Respiratory Disease; A Patient-Goal Orientated Assessment. Canadian Respiratory Conference, Niagara Falls, Canada, April 2011.


Gerber, G., Gargaro, J., Grange, J. Gunnell, K. Participation in a social and recreational day program benefits persons with acquired brain injury and family caregivers. GTA Rehab Network Best Practices Day Toronto, Canada, February 1, 2012.

Janaudis-Ferreira, T., Beauchamp, MK., Goldstein, RS., 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, MK., Goldstein, RS., Brooks, D. How should we measure arm exercise capacity in individuals with COPD: a systematic review. European Respiratory Society Conference, Amsterdam, Netherlands, September 2011.


Janaudis-Ferreira, T., Hill, K., Goldstein, RS., Robles-Ribeiro, P., Beauchamp, MK. 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.

Janes, N. PSWs Caught in the Middle: Resolving Tensions Towards Person-centered Care The Power of One. 5th Annual PSNO PSW Conference, Toronto, Canada, October 2011.


Phadke, C., Boulias, C., Ismail, F. A systematic review of neurophysiological methods used to examine the effects of botulinum toxin on focal limb spasticity. Society for Neuroscience, Washington, USA, November 1, 2011.

Phadke, C., Robertson, CT., Condliffe, EG., Patten, C. Flexor Carpi Radialis H-reflex Inhibition Correlates with Impaired Grip Strength post-stroke Combined Sections Meeting of American Physical Therapy Association, Chicago, USA, February 1, 2012.


Sadeghi, S. Health Literacy: Implications for Intervention in Pulmonary Rehabilitation. Poster presented at the Annual Faculty Research Symposium, Faculty of Medicine, University of Toronto, October 2011

Janaudis-Ferreira. T. Upper extremity training in patients with COPD Canadian Respiratory Conference Niagara Falls, Canada, April 2011.


Yeung, T., Ghandi, R., Mahommed, N., Davis A. The feasibility and test-retest reliability of two physical activity questionnaires in people following Total Knee Replacement. 16th International World Confederation in Physical Poster presentation Therapy, Amsterdam, Holland, June 22, 2011.

6.0 NEW STUDIES

Avendano, M., Haslah, M., Stewart, S., McNamee, J., Malek, N. A retrospective review of multi-drug resistant tuberculosis patients admitted between the years 2000 and 2011

Funding Source: None
Amount: N/A
Study duration: 1 month

Bouliais, C., Ismail, F., Canning, M. A Survey of Rural and Urban Family Physicians: Differences in Spasticity Health Literacy and the Availability of Appropriate Spasticity Care

Funding Source: None
Amount: N/A  
Study duration: 4 months

**Boulias, C., Ismail, F., Phadke, C.,** Fennell, J. Electromyographic Evaluation of Middle Trapezius and Rhomboids Activation during Shoulder Retraction Exercise  
**Funding Source:** None  
**Amount:** None  
**Study duration:** 1 year

**Boulias, C., Ismail, F., Phadke, C.,** Davidson, C., Gulasingam, S. The effect of neural lesion type and time since lesion on botulinum drug dosage: retrospective chart review  
**Funding Source:** Allergan Inc.  
**Amount:** $12,500  
**Study duration:** 1 year

**Boulias, C., Ismail, F.** A non-interventional study to evaluate treatment with Botulinum neurotoxin type A in treatment-naive subjects with spasticity treated according to common clinical practice.  
**Funding Source:** Merz Pharmaceuticals GmbH  
**Amount:** $1000 per patient (invoiced as $125 per patient per injection upon completion of associated case report form pages)  
**Study duration:** 3 years

**Avendano, M., Goldstein, R., Evans, R, Brooks, D.** Perspectives of caregivers of patients receiving invasive long term ventilation: Review to identify the overall impact to their quality of life  
**Funding Source:** None  
**Amount:** N/A  
**Study duration:** 6 months

**Brooks, D., Goldstein, R., Beauchamp, M., Deveaux, L.** A randomized controlled trial of a post-rehabilitation community-based exercise program for individuals with COPD  
**Funding Source:** Funding applied for (expected date of decision – July 2012)  
**Amount:** N/A  
**Study duration:** 11 months

**Brooks, D., Goldstein, R., Beauchamp, M., Janaudis-Ferreira, T.** A randomized controlled trial of balance training in COPD  
**Funding Source:** Ontario Thoracic Society  
**Amount:** $46,558 and $47,588  
**Study duration:** 15 months

**Brooks, D., Janaudis-Ferreira, T., Mathur, S., Goldstein, R.** Assessment in individuals with lung disease: from structure to function  
**Funding Source:** Sao Paulo Research Foundation (FAPESP-Brazil) and University of Toronto  
**Amount:** $19,989  
**Study duration:** 2 years
Brooks, D., Goldstein, R., Desveraux, L. Patient and Provider Perspectives on a Community-Based, Post-Rehabilitation Exercise Program for Chronic Cardiovascular and Respiratory Disease

**Funding Source:** Funding applied for (expected date of decision – July 2012)
**Amount:** N/A
**Study duration:** 1 year

Brooks, D., Goldstein, R., Evans, R., Dolmage, T. Single leg cycling for COPD; knowledge translation to pulmonary rehabilitation programs

**Funding Source:** Canadian Respiratory Health Professionals
**Amount:** $25,000
**Study duration:** 1 year

Chan, K., Suter, L., Gallagher, S., Stremler, D., Clyde, J. A pilot study evaluating the impact of a structured stroke education program on patient satisfaction and knowledge

**Funding Source:** None
**Amount:** N/A
**Study duration:** 7 months

Cullen, N., Swaine, B. Who goes where and why? Rehab Referral, Admission and Discharge of Persons with Brain Injury in Quebec and Ontario

**Funding Source:** None
**Amount:** N/A
**Study duration:** 6 weeks

Shawn, A., Goldstein, R. Prospective Randomized Placebo-Controlled Trial of SimvaSTATin in the Prevention of COPD Exacerbations (STATCOPE)

**Funding Source:** CIHR
**Amount:** $1500
**Study duration:** 3 years

Janaudis-Ferreira, T., Goldstein, R., Brooks, D. 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

Gerber, G., Wise, K., Pauley, T. Predictors of Community Integration and Quality of Life Following Acquired Brain Injury

**Funding Source:** None
**Amount:** N/A
**Study duration:** 1 year

Goldstein, R., Evans, R., Dolmage, T., Malek, N. A simple method to determine the best walking speed for assessing the effect of ambulatory oxygen on walking endurance in patients with chronic lung disease

**Funding Source:** None
**Amount:** N/A
**Study duration:** 4 months
Goldstein, R., Evans, R., Avendano, M., O’Brien, L. An Audit of the Cardiac Management of Patients with Duchenne Muscular Dystrophy (DMD) on Ventilatory Support

**Funding Source:** None  
**Amount:** N/A  
**Study duration:** 4 months

Janaudis-Ferreira, T. Goldstein, R. Brooks, D. Arm Activity in daily life in individuals with COPD

**Funding Source:** Canadian Respiratory Health Professionals (CRHP) and Ontario Respiratory Care Society (ORCS)  
**Amount:** $25,000 and $19,495 respectively  
**Study duration:** 1.5 years

Kam, A., Fung, S. Boulias, C. Ismail, F. Phadke, C. The Prevalence of Anxiety in Spasticity Clinic

**Funding Source:** None  
**Amount:** N/A  
**Study duration:** 1 year

Phadke, C. Pauley, T. Boulias, C. Ismail, F. Devlin, M. Falls prevalence in patients with spasticity and amputation

**Funding Source:** None  
**Amount:** N/A  
**Study duration:** 1 year

Phadke, C. Boulias, C. Ismail, F. Immediate effects of variable arm cycling on arm spasticity and function in adults with cerebral palsy

**Funding Source:** Ontario Federation for Cerebral Palsy (OFCP)  
**Amount:** $19,000  
**Study duration:** 1 year

Phadke, C. Boulias, C. Ismail, F. McTavish, J. Edwards, K. Spasticity, co-contraction and elbow function: Are they related?

**Funding Source:** None  
**Amount:** N/A  
**Study duration:** 1 year

Pauley, T., Devlin, M., Body, J., Paner, R. Suitability of the Berg Balance Scale for Assessment of Patients with Unilateral, Transtibial Amputation

**Funding Source:** None  
**Amount:** N/A  
**Study duration:** 1 year

Varadi, R., Kaplovitch, E., Goldstein, R. Impact of Polypharmacy on outcomes pulmonary rehabilitation

**Funding Source:** None  
**Amount:** N/A  
**Study duration:** 6 months

Woo, K., Van Den Kerkhof, E. Exploration of the pressure ulcer and related skin problems across the spectrum of healthcare settings in Ontario using administrative data
**Funding Source:** Institute for Clinical Evaluative Sciences (ICES)  
**Amount:** $15000  
**Study duration:** 1 year

Woo, K. Pain, stress and inflammation in chronic wounds  
**Funding Source:** International Association for the Study of Pain  
**Amount:** $20000  
**Study duration:** 1 year

Woo, K., Sear, K., Coutts, P. Survey of knowledge, attitude and practice for the management of leg ulcers with co-existing circulation problems  
**Funding Source:** International Association for the study of pain  
**Amount:** $2500  
**Study duration:** 1 year

7.0 AWARDS

**Dolmage, TE., Evans, RA., Hill, K., Blouin, M., Brooks, D., Goldstein, RS.** The Effect Of Pulmonary Rehabilitation On The Relationship Between Endurance: Speed During Walking In Patients With Chronic Obstructive Pulmonary Disease (COPD).  

**Fraser, J.** Certificate of Excellence in Clinical Education, 2011-2012. Who granted award?

**Janaudis-Ferreira, T.** CIHR- ICRH Young Investigator Forum, Travel Award, June 2012.

**Janaudis-Ferreira, T.** Canadian Respiratory Health Professionals (CHRNP) Knowledge Translation Award, September 2011.

**Valladares, S.** Hand Hygiene, 2011. Do you have more info on this???