



2009-2010 Research Activities

1.0	Peer Reviewed Publications.....	2
2.0	Peer Reviewed Publications (in press).....	5
3.0	Other Publications.....	5
4.0	Presentations at local, national, international meetings.....	6
5.0	New Studies.....	10
6.0	Awards.....	11

1.0 PEER REVIEWED PUBLICATIONS

Beauchamp, MK., Dolmage, TE., Nonoyama, ML., Goldstein, RS., Hill, K. Interval versus continuous training in individuals with COPD - a systematic review. 2009, Thorax.

Beauchamp MK, Dolmage TE, Nonoyama M, Goldstein RS, Hill K, Mathur S., Brooks, D. Interval versus continuous training in individuals with COPD - a systematic review. 2010, Thorax, 65: 157-164.

Beauchamp, MK., Hill, K., Goldstein, RS., Janaudis-Ferreira, T., Brooks, D. Impairments in balance discriminate fallers from non-fallers in COPD. Respiratory Medicine, 2009,103 (12): 1885-1891.

Beauchamp K, Hill K, Goldstein RS, Janaudis-Ferreira T., Brooks D. Characterization of fallers in chronic obstructive pulmonary disease. Respiratory Medicine.

Brooks, D, Davis, L, Vujovic-Zotovic, N, **Goldstein, RS,** Boulas, C. Sleep Disordered Breathing in Patients Enrolled in an Inpatient Stroke Rehabilitation Program. Archives of Physical Medicine and Rehabilitation, 2010, 91:659-62.

Brooks, D., Davis, L., Vujovic-Zotovic, N., Boulias, C., **Goldstein, RS.** Sleep-disordered breathing in patients enrolled in an inpatient stroke rehabilitation program. Archives of Physical Medicine and Rehabilitation, 2010, 91 (4): 659-662.

Carr, SJ., **Hill, K., Goldstein, RS, Brooks, D.** Pulmonary rehabilitation after an acute exacerbation of chronic obstructive pulmonary disease in patients who have completed an initial pulmonary rehabilitation program: a pilot study. Journal of Cardiopulmonary Rehab and Prevention.

Carr, J., **Hill, K., Brooks, D., Goldstein, RS.** Pulmonary Rehabilitation After Acute Exacerbation of Chronic Obstructive Pulmonary Disease in Patients Who Previously Completed a Pulmonary Rehabilitation Program. Journal of Cardiopulmonary Rehabilitation, 2009, 29: 318-324.

Cao, V., Chung, C., Ferreira, A., Nelken, J., **Brooks, D.,** Cott, C. Changes in activities of wives caring for their husbands following stroke. Physiotherapy Canada.

Eftekhar, P, Cameron, D, Yoshida, K, Landry, M, **Brooks, D.** Rehabilitation services for post stroke clients in Tehran, Iran. Middle East Journal of Age and Aging, 2010, 7.1

Fox, M., **Brooks, D,** Sidani, S. Perceptions of bed rest for individuals hospitalized for multiple chronic illnesses in an extended care facility. Research in Nursing & Health, 2009, 32(3): 335-344.

Fox, MT., Sidani, S., & **Brooks, D.** Differences in sleep complaints in adults with varying levels of bed days residing in extended care facilities for chronic disease management. Clinical Nursing Research.

Geddes, L., Reid, DW., O'Brien, K., **Brooks, D.**, Crowe J.. Response to the Letter to the Editor. *Respiratory Medicine*, 2009,103 (8): 1240-1241.

Goodridge, DM, Marciniuk DD, **Brooks D**, Van Dam A, Hutchinson S, Bailey P, Baxter S, Dorasamy P, Dumont S, Hassan S, Hernandez P, Kerigan A, Rocker G, Wilson D, Young J. End of life care for persons with advanced chronic obstructive pulmonary disease: Report of a national interdisciplinary consensus meeting. *Canadian Respiratory Journal*, 2009, 16(5): 51-53.

Goldstein, RS., Dolmage, TE. Can we increase the exercise training load during pulmonary rehabilitation? *Chest*, 2009, 135 (3): 596-598.

Harth, L., Stuart, J., **Hill, K., Goldstein, RS., Brooks, D.** Physical therapy practice patterns in acute exacerbations of chronic obstructive pulmonary disease. *Canadian Respiratory Journal*, 2009, 16 (3): 86-92.

Harth, L., Stuart J., Montgomery C., Pintier K., Czyzo S., **Hill K., Goldstein R., Brooks, D.** Practice patterns of physical therapists in the management of patients hospitalized with an acute exacerbation of chronic obstructive pulmonary disease. *Canadian respiratory Journal* 2009: 16 (3): 86- 92.

Hill, K., Bansal, V., Brooks, D., Goldstein RS. Repeat pulmonary rehabilitation programs confer similar increases in functional exercise capacity to initial programs. *Respirology*.

Hill, K., Brooks, D. A description of weekend physiotherapy services in three tertiary hospitals in the Greater Toronto Area. *Physiotherapy Canada*.

Hill, K., Patman, S., Brooks, D. Effect of airway clearance techniques in patients experiencing an acute exacerbation of chronic obstructive pulmonary disease: a systematic review. *Chronic Respiratory Disease* (published on line).

Hill, K., Goldstein, RS., Guyatt, GH., Blouin, M., Davis, L. Prevalence and underdiagnosis of chronic obstructive pulmonary disease among patients at risk in primary care. *Canadian Medical Association Journal*, 2010, 182 (7): 673-678.

Jaglal, SB, Hawker, G, Bansod, V, Salbach, NM, Zwarenstein M, Carroll J, **Brooks D**, Cameron, C, Bogocg, E, Jaakkimaninen L, Kreder H. A demonstration project of multi-component educational intervention to improve integrated post-fracture osteoporosis care in five communities in Ontario, Canada. *Osteoporosis International*, 2009, 20: 265-274.

Janaudis-Ferreira, T., Hill, K, Goldstein, RS, Wadell, K, **Brooks, D.** Arm Training In Patients With Chronic Obstructive Pulmonary Disease: A Systematic Review. *Journal of Cardiopulmonary Rehabilitation*.

Janaudis-Ferreira, T., Hill, K., Goldstein, RS., Waddell, K., Brooks, D. Arm exercise training in patients with chronic obstructive pulmonary disease: a systematic review. *Journal of Cardiopulmonary Rehabilitation*, 2009, 29 (5): 277-283.

Janes, N. Facilitating best practice in aged care: Exploring influential factors through critical incident technique. *International Journal of Older People Nursing*, 2009, 4: 166-176.

Marzolini S, **Brooks, D.**, Paul O. Gender Differences in Completion of a 12 Month Cardiac Rehabilitation Program: an Analysis of 5,922 Women and Men. *European Journal of Cardiovascular Prevention & Rehabilitation*.

Moosa, D., **Blouin, M., Hill, K., Goldstein, RS.** Workshops to disseminate the Canadian Thoracic Society guidelines for chronic obstructive pulmonary disease to health care professionals in Ontario: Impact on knowledge, perceived health care practices and participant satisfaction. *Canadian Respiratory Journal*, 2009, 16 (3): 81-85.

Nici, L., Raskin, J., Rochester, C., Bourbeau, J., Goldstein, RS. Pulmonary rehabilitation: What we know and what we need to know. *Journal of Cardiopulmonary Rehabilitation*, 2009, 29(3):141-15.

Overend TJ, Anderson CM, **Brooks, D.** Cicutto, L, Keim M, McAuslan D, **Nonoyam M.** Updating the Evidence-base for Suctioning Adults: A Systematic Review. *Canadian Respiratory Journal*, 2009, 16 (3): 6-17.

Parry, M, Watt-Watson J, Hodnett E, Tranmer J, Dennis C-L, **Brooks D.** Cardiac home education and support trial (chest): a pilot study. *Canadian Journal of Cardiology*.

Plant, P., **Brooks, D.**, Faughnan, M., Bayley, T., Singer, L., Bain, J., Correa, J., Pearce, D, Batt J. Molecular Mechanisms of Skeletal Muscle Atrophy in COPD. *American Journal of Respiratory Cell and Molecular Biology*.

Sibley, KM., Tang, A., Patterson, KK., **Brooks, D.**, McIlroy, WM. Changes in spatiotemporal gait variables over time during a test of functional capacity after stroke. *Journal of Neuro Engineering and Rehabilitation*. 2009, 6:27.

Tang, A., Closson, V., Marzolini, S., Oh, P., McIlroy, W., **Brooks D.** Cardiac Rehabilitation after Stroke- Need and Opportunity. *Journal of Cardiopulmonary Rehabilitation and Prevention*, 2009, 29 (2): 97-104.

Tang, A., Sibley, KM., Thomas, SG, Bayley MT, Richardson, D., McIlroy, WE., **Brooks, D.** Effects of an aerobic exercise program on aerobic capacity, spatiotemporal gait parameters and functional capacity in subacute stroke. *Journal of Neurorehabilitation and Neural Repair*.

Varadi, R., Goldstein, RS. Pulmonary rehabilitation and pharmacotherapy. *Seminars in Respiratory and Critical Care Medicine*, 2009, 30 (6): 636-648.

Varadi, R., Goldstein, RS. Pulmonary rehabilitation for restrictive lung disease. *Chest*, 2010, 137 (2): 247-248.

Yeung, SM., Wessel, J., Stratford, P., MacDermid, J. Reliability, validity, and responsiveness of the lower extremity functional scale for inpatients of an orthopaedic ward. *Journal of Orthopaedic and Sports Physical Therapy*, June 2009, 39(6):468.

Wickerson L, **Mathur S, Brooks D**. Exercise training after lung transplant: a systematic review. *The Journal of Heart and Lung Transplantation*, 2010, 29: 497-503.

Yoshida K, Parnes P, **Brooks D**, Cameron, D. A Case Study of the Changing Nature of an International Non-Government Organization: a Focus on Disability and Development. *Disability and Rehabilitation*, 2009, 31(8): 675-683.

2.0 PEER REVIEWED PUBLICATIONS (IN PRESS)

Colantonio, A., **Gerber, G.**, Deber, R., Lennox, L., Bayley, M. Who waits for inpatient rehabilitation services in Canada after neurotrauma? A population based study. *Journal of Rehabilitation Medicine*, 2010 (in press).

Gan, C., **Gargaro, J.**, Brandys, C., **Gerber, G.**, Boschen, K. Family Caregivers' support needs after brain injury: A synthesis of perspectives from caregivers. *NeuroRehabilitation*, 2010 (in press).

Hill, K., Mangovski-Alzamora, S., **Blouin, M.**, Guyatt, GH., **Goldstein, RS**. Disease-specific education in the primary care setting increases the knowledge of people with chronic obstructive pulmonary disease: A randomized controlled trial, 2010 (in press).

Prajapati SK, Gage WH, **Brooks D**, McIlroy WE. A Novel Approach to Ambulatory Monitoring: Investigation into the Quantity and Quality of Everyday Walking in Patients with Sub-Acute Stroke. *Neurorehabilitation and Neural Repair*. (in press).

3.0 OTHER PUBLICATIONS

Ferreira, I., **Brooks, D.**, Lacasse, Y., **Goldstein, RS.**, White, J., Nutritional supplementation for chronic obstructive pulmonary disease (Review)

Lafave, H.G, **Gerber, G.J**. Pioneers on the Prairie. Moving psychiatric care from a large psychiatric hospital to local Saskatchewan communities. In Lalonde, P., Lesage, A., and Nicole, L. (Eds.) La Psychiatrie en Question. Montreal: Les Presses de l'Université de Montréal, 2009. (Chapter)

4.0 PRESENTATIONS AT LOCAL-NATIONAL-INTERNATIONAL MEETINGS

Barnes, M. Interprofessional Education and Collaboration Conference. January 18, 2010.

Beauchamp, MK., O'Hoski, S., Goldstein, RS., Brooks, D. The effect of pulmonary rehabilitation on balance control in individuals with COPD. Canadian Respiratory Conference, Halifax, Canada, 2010.

Beauchamp, MK., O'Hoski, S., Goldstein, RS., Brooks, D. The effect of pulmonary rehabilitation on balance control in individuals with COPD. Canadian Respiratory Conference, Halifax, Canada, 2010.

Beauchamp, MK., Dolmage, TE., Nonoyama, M., Goldstein, RS., Hill, K., Mathur, S., Brooks, D. Interval versus continuous training in individuals with COPD - a systematic review. Canadian Respiratory Conference, Halifax, Canada, 2010.

Beauchamp, MK., O'Hoski, S., Goldstein, RS, Brooks, D. The effect of pulmonary rehabilitation on balance control in individuals with COPD. Better Breathing Conference, Toronto Canada, 2010.

Beauchamp, MK., Janaudis-Ferreira, T., Hill, K., Goldstein, RS., Brooks D. Fall risk assessment in chronic obstructive pulmonary disease. Canadian Respiratory Conference. Toronto, Canada. April 2009.

Brooks, D. Maintenance of gains in pulmonary rehabilitation. PR Workshop. Toronto, Canada. 2009.

Brooks, D. Weekend physiotherapy service: What model is best? Calgary, Canada. 2009.

Brooks, D. Cases in pulmonary rehabilitation. Canadian Respiratory Conference Toronto, Canada. 2009.

Campbell, L., **Hill, K., Brooks, D.** The provision of weekend physical therapy services in university-affiliated hospitals with an intensive care unit in Canada. Candian Physiotherapy Association Congress. Calgary, Canada. May 2009.

Cao, V. Chung, C., Ferreira, A., Nelken, J., **Brooks, D,** Cott, C. Changes in activities of wives caring for their husbands following stroke. Canadian Physiotherapy Association Congress. Calgary, Canada. May 2009.

Chan, K. Interprofessional Education and Collaboration Conference. January 18, 2010.

Cowie, B. Videoconference, Presentation, Assessment and Management of Urinary Incontinence, Phase III, IC3 Multi-Site Collaborative to Improve Continence Care in Long-Term Care (Toronto, Dundas, Ottawa Homes). June 10, 2009.

Cowie, B. Videoconference, Presentation, Quality Improvement Methodology, Phase III, IC3 Multi-Site Collaborative to Improve Continence Care in Long-Term Care (Toronto, Champlain, Ottawa Homes). June 10, 2009.

Cowie, B. The Changing Face of Stroke Care and Inter-Professional Practice Relationships. Interprofessional Approach to Continence Promotion and Management Post Stroke. Sunnybrook Health Sciences Centre, The Chang School, Ryerson University, North & East GTA Ontario Stroke Region & Network, Ontario Stroke System, Toronto. May 7, 2009.

Cowie, B. Best Practice Guidelines: Moving Forward RNAO's BPG "Constipation". A Telehealth education event. Continuing Nursing Education, College of Nursing, University of Saskatchewan. February 2, 2010.

Cowie, B. Best Practice Guidelines: Moving Forward RNAO's BPG "Constipation". A Telehealth education event. Continuing Nursing Education, College of Nursing, University of Saskatchewan. October 30, 2009.

Cowie, B. Bladder Scanning, Clinical Indications, Roxon medi-tech Ltd. Montreal, Canada. October 8, 2009.

Cowie, B. International Continence Society, World Continence Week. Interprofessional Approach to Continence Promotion and Management Post Stroke. West Park Healthcare Centre, Toronto. June 25, 2009.

Cowie, B. International Continence Society, World Continence Week. Better Bladder Health, Everything You Need To Know To Be In Control. West Park Healthcare Centre, Toronto. June 25, 2009.

Cowie, B. Implementation Strategies that Work, Table Talks, RNAO Nursing Best Practice Guidelines Summer Institute, Alliston, Ontario. June 17, 2009.

Cowie, B. Evidence Based Practice Stations, Pointing the Way, RNAO Nursing Best Practice Guidelines Summer Institute, Alliston, Ontario. June 17, 2009.

Cowie, B. RNAO Best Practice Spotlight Organization (BPSO) Candidate Launch Retreat, Learning from Experienced BPSOs: Successful Approaches – Sharing Lessons Learned, Toronto. March 31, 2009.

Gerber, G.J. Boschen, K. **Gargaro, J.** Services Utilization and Costing Outcomes: Comparing Two Community Services for Persons with Acquired Brain Injury. GTA Rehab Network Best Practices Day. Toronto, Canada. March 2010

Gerber, G.J. **Gargaro, J.** Boschen, K. Living at Home after Brain Injury: Comparing Outcomes of Two Models of Community Service. 8th World Congress on Brain Injury, Washington, USA. March 2010.

Goldstein, RS. Opportunities in the Management of Obesity: Beyond Weight Loss" & "Cystic Fibrosis: Update on Pathophysiology and New Treatment Strategies. Canadian Respiratory Conference. Toronto, Canada. April 2009.

Goldstein, RS. Pulmonary Rehabilitation: From Science to Implementation "Enhancing the Effectiveness of Exercise Training in Pulmonary Rehabilitation. American Thoracic Society Annual Assembly. San Diego, USA. May 2009.

Goldstein, RS. Pulmonary Rehabilitation for COPD. 11th National Conference of Indian Chest Society and National Conference of Chest Physicians (Napcon). Kerala, India. November 2009.

Goldstein, RS. The Rational Use of Supplemental Oxygen. 11th National Conference of Indian Chest Society and National Conference of Chest Physicians (Napcon). Kerala, India. November 2009.

Goldstein, RS. Respiriology University of Toronto, Toronto, Canada. June 2009.

Goldstein, RS. COPD World COPD Day Toronto, Canada. November 2009.

Goldstein, RS. Pulmonary Rehabilitation Respiriology Day Toronto, Canada. December 2009.

Goldstein, RS. COPD Research OLA Respiratory Caucus Meeting Toronto, Canada. May 2009.

Goldstein, RS. Pulmonary Rehabilitation in diseases of than COPD Pulmonary Rehabilitation Workshop Toronto, Canada June 2009.

Hill, K., Woon, L., Dolmage, T., O'Hoski, S., Goldstein, RS., Brooks D. Relationships between peak exercise capacity and average daily activity in people with COPD. Canadian Respiratory Conference, Halifax, Canada, 2010.

Hill K, Woon, L Dolmage, T O'Hoski, S Goldstein, R, Brooks, D. Relationships between peak exercise capacity and average daily activity in people with COPD. Better Breathing Conference, Toronto Canada. 2010.

Hill, K., Woon, L., Dolmage, T., Goldstein, R., Brooks, D. Field-based walk tests elicit similar end-test measures of heart rate and oxygen uptake as incremental cycle ergometry tests in patients with COPD. Candian Physiotherapy Association Congress. Calgary, Canada. May 2009.

Hill, K., Woon, L., Dolmage, T., Goldstein, R., Brooks, D Field-based walking tests elicit similar end-test measures of heart rate and oxygen uptake as incremental cycle ergometry tests in patients with COPD. Canadian Respiratory Conference. Toronto, Canada. April 2009.

Hill, L. Woon, L., Dolmage, T., Goldstein, R., Brooks, D. Relationships between energy expenditure and measurements of exercise capacity in patients with chronic obstructive pulmonary disease. Canadian Respiratory Conference. Toronto, Canada. April 2009.

Janaudis-Ferreira, T., Hill, K., Goldstein, R., Wadell, K., Brooks, D. Relationship of upper limb muscle strength to functional capacity and endurance in patients with chronic obstructive pulmonary disease (COPD). European Respiratory Society Conference. Vienna, Austria. September 2009.

Janaudis-Ferreira, T., Hill, K., Goldstein, R., Wadell, K., **Brooks, D.** Arm Training In Patients With Chronic Obstructive Pulmonary Disease: A Systematic Review. European Respiratory Society Conference. Vienna, Austria. September 2009.

Janaudis-Ferreira, T., Hill, K., Robles-Ribeiro, P., **Beauchamp, M., Goldstein, R.,** Wadell **K., Brooks, D.** Cardiorespiratory responses to an incremental unsupported upper limb exercise test in people with COPD. Canadian Respiratory Conference. Toronto, Canada. April 2009.

Janes, N. Facilitating best aged care practice: A view from point-of-care. Annual NICE Knowledge Exchange: 2009 Caregiving Theme Team. Toronto, Canada. May 2009.

Janes, N. Just the FACS: Facilitating Better Nursing Assessment at the Point of Care. Canadian Association of Advanced Practice Nurses Biennial Conference. St. John's, Canada. September 2009.

Janes, N., McAllister, M. Advanced Nursing Practice Goes Corporate: Transferring the Principles of Clinical Leadership to Organizational Practice Improvement. Canadian Association of Advanced Practice Nurses Biennial Conference. St. John's, Canada. September 2009.

Janes, N., Schinder-Martin, L., McCoy, B. A look at dementia through 3 lenses. RNAO 8th International Elder Care Conference. Toronto, Canada. October 2009.

Janes, N. Reconciling tensions and flattening hierarchies towards better dementia care. Annual Psychogeriatric Resource Consultant Education Day, PRCs Putting it together. Toronto, Canada. November 2009.

Malek, A.M. Healthy Workplaces in Action: Working Together to Deliver Quality Care Ottawa, Ontario. February 25-26, 2010.

Malek, A.M. Skills Mix: Work & Role Redesign, OHA Conference. Toronto, Ontario December 3, 2009.

Malek, A.M. Human Resources Symposium 2009: Delivering on the Human Capital Value Proposition OHA Conference Co-Chair. Toronto, Ontario. October 8, 2009.

Malek, A.M. Building a Culture of Safety: West Park's Experience as an HSMS Pilot Site HIROC/OSACH Conference Transformational Leadership. Toronto, Ontario October 5-6, 2009.

Malek, A.M., Bell, B. Creating and Sustaining an Evidence Based Nursing Culture. RNAO Best Practice Guidelines Summer Institute. Alliston, Ontario. June 19, 2009.

Patterson, KK., Gage, WH., **Brooks, D.,** Black SE., McIlroy, WE. Gait asymmetry in the subacute and chronic stroke populations. International Society for Posture and Gait Research. Bologna, Italy. 2009.

Prajapati, SK., Yoon, J., Gage, WH., Sibley, KM., **Brooks, D,** McIlroy, WE. Gait variability associated with extended periods of walking activity in patients with subacute stroke. International Society for Posture and Gait Research. Bologna, Italy. 2009.

Wickerson, L., **Mathur, S., Brooks, D.** Exercise training after lung transplantation: a systematic review. Better Breathing Conference, Toronto Canada. 2010.

Wickerson, L., **Hill, K., Woon, L.,** O'Hoski, S., Heider Abady, A., Overend, T., **Goldstein RS., Brooks D.** The six-minute walk test: responses in healthy Canadians aged 45-85. Canadian Respiratory Conference, Halifax, Canada, 2010.

Wickerson, L., **Mathur, S., Brooks, D.** Exercise training after lung transplantation: a systematic review. Canadian Respiratory Conference, Halifax, Canada. 2010.

Wickerson, L., **Hill, K., Woon, L.,** O'Hoski, S., Heider Abady, A., Overend, T., **Goldstein, R, Brooks, D.** The six-minute walk test: responses in healthy Canadians aged 45-85. Better Breathing Conference, Toronto Canada. 2010.

Wickerson, L., **Hill, K., Woon, L., Goldstein, R.,** Overend, T., **Brooks, D.** Cardiorespiratory responses to the 6 minute walk test: a comparison of healthy and COPD participants. Canadian Respiratory Conference. Toronto, Canada. April 2009

Woon, J. Relationships between peak exercise capacity and average daily activity in people with COPD. Better Breathing Conference. February 27, 2010.

Woon, J. Relationships between energy expenditures and measures of exercise capacity in COPD. CRC. April 25, 2009.

5.0 NEW STUDIES

Beauchamp, M., Brooks, D., Goldstein, RS. Balance impairment in COPD and the effect of pulmonary rehabilitation on balance
Funding Agency: ORCS
Amount: \$25,725
Duration: 2 years

Beauchamp, M., Brooks, D., Goldstein, RS. The development of a community-based exercise program for older adults with COPD
Funding Agency: OTS
Amount: \$46,061
Duration: 2 years

Brooks, D., Goldstein, RS. Optimizing outcomes gained from pulmonary rehabilitation: the development of a community-based maintenance exercise program for individuals with COPD)
Funding Agency: Ontario Thoracic Society
Amount: \$47,061
Duration: 1 year

Brooks, D., Salbach, N. Investigating the relationships between clinical and laboratory-based measures of exercise capacity and measures of physical activity in daily life in individuals post stroke
Funding Agency: Ontario Stroke System
Amount: \$74,400
Duration: 1 year

Brooks, D., McIlroy, W. Effect of cardiac rehabilitation for individuals after transient ischemic attacks
Funding Agency: Heart and Stroke of Canada
Amount: \$80,000/ year for two years
Duration: 3 years

Hill, K., Brooks, D., Goldstein, RS. The six-minute walk test: responses in healthy Canadians aged 45-85 years
Funding Agency: CRHP
Amount: \$18,008
Duration: 2 years

Hill, K., Dolmage, TE., Brooks, D., Goldstein, RS. Does pulmonary rehabilitation change the self-selected and maximum sustainable walking speed in patients with symptomatic lung disease?
Funding Agency: AstraZeneca
Amount: \$59,600
Duration: 3 years

Janaudis-Ferreira, T., Dolmage, TE., Brooks, D., Goldstein, RS. Upper extremity training in COPD: short and medium term effects on dyspnoea, health-related quality of life, arm function and arm exercise capacity
Funding Agency: Ontario Thoracic Society
Amount: \$49,494
Duration: 1 year

Janes, N., Sidani, S., McCormack, B., Bell, B., Penney, J., Bains, J. Advancing knowledge transfer through practice development: An evaluation study in rehabilitation and complex continuing care
Funding Agency: TD Financial Group
Amount: \$250,000
Duration: 3 years

Mathur, S., Brooks, D., Goldstein, R. Non-invasive examination of muscle composition in people with chronic obstructive pulmonary disease
Funding Agency: University of Toronto (Dean's Fund)
Duration: 2 years

Woon, L., Brooks, D., Goldstein, RS. Investigating the change in average daily energy expenditure and relationships with common clinical outcome measures following completion of a pulmonary rehabilitation (PR) program
Funding Agency: CLA
Amount: \$17,980
Duration: 2 years

6.0 AWARDS

Goldstein, RS.; One of the top reviewers for CHEST for 2009, 75th anniversary of the American College of Chest Physicians