

CURRICULUM VITAE

NAME: Michael John Plyley

ADDRESS: Faculty of Applied Health Sciences
Brock University
St. Catharines, ON
Canada L2S 3A1

CITIZENSHIP: Canadian

DEGREES: Ph.D., University of Western Ontario,
Department of Biophysics, 1977.
Thesis title: *Capillary Supply of Skeletal Muscle*
Supervisor: Dr. Alan C. Groom

B.Sc. (Hon.), University of Western Ontario,
Department of Biophysics, 1972.

EMPLOYMENT AND ACADEMIC HISTORY

2011-16 Professor and Dean, Faculty of Graduate Studies, Brock University

2002-11 Professor & Associate Dean, Research & Graduate Studies, Faculty of Applied Health Sciences, Brock University

2002-11 Graduate Program Director, Faculty of Applied Health Sciences, Brock University

2002-03 Acting Dean, Faculty of Applied Health Sciences, Brock University (June – October)

2002- Adjunct Professor, Faculty of Physical Education & Health and Graduate Program in Exercise Sciences, University of Toronto.

2002- Professor, Department of Kinesiology, Faculty of Applied Health Sciences, Brock University

2000-01 Visiting Professor, Faculty of Applied Health Sciences, Brock University

1998-02 Associate Dean, Graduate Education & Research, Faculty of Physical Education & Health, University of Toronto.

1998-02 Professor, Faculty of Physical Education & Health, Department of Physiology and Department of Public Health Science, Faculty of Medicine, University of Toronto.

1994-95 Acting Director, School of Physical & Health Education, University of Toronto.

1994-95 Program Director, Graduate Program in Exercise Science, Graduate Department of Community Health, University of Toronto.

1993-02 Member, Cardiovascular Sciences Collaborative Program, University of Toronto.

1993-94 Visiting Professor, Faculty of Kinesiology, University of Western Ontario.

1992-95 Research Associate, Research Department, Lyndhurst Spinal Cord Centre.

1991-92 Visiting Professor, Research Department, Lyndhurst Spinal Cord Centre.

1990-93 Program Director, Exercise Science, Graduate Department of Community Health, University of Toronto.

1986-87 Visiting Professor, Department of Kinesiology, Faculty of Applied Health Sciences, University of Waterloo.

1985-98 Associate Professor, School of Physical & Health Education, Department of Physiology and Department of Preventative Medicine & Biostatistics, Faculty of Medicine, University of Toronto.

1984-98 Member - Continuing, Graduate Department of Community Health, Faculty of Medicine and School of Graduate Studies, University of Toronto.

1982-85 Assistant Professor, Department of Physiology, Faculty of medicine, University of Toronto.

1981-85 Assistant Professor, Department of Preventative Medicine & Biostatistics, Faculty of Medicine, University of Toronto.

- 1981-84 Associate Member - Limited Term, Graduate Department of Community Health and School of Graduate Studies, University of Toronto.
- 1980-85 Assistant Professor, School of Physical & Health Education, University of Toronto.
- 1979-80 Assistant Professor, Department of Physical Education, Ball State University.

HONOURS AND AWARDS

- 1994-95 President, Sports Medicine & Science Council of Canada.
- 1993-94 President-Elect, Sports Medicine & Science Council of Canada.
- 1992-93 Vice-President, Sports Medicine & Science Council of Canada.
- 1990-91 Past-President, Canadian Society for Exercise Physiology
- 1989-90 President, Canadian Society for Exercise Physiology
- 1988-89 President-Elect, Canadian Society for Exercise Physiology
- 1977-79 Post-doctoral Fellow, Ontario Heart Foundation, Departments of Physiology & Medicine, University of Western Ontario.
- 1971-72 Dean's Honour List, University of Western Ontario.

SCIENTIFIC and ACADEMIC SOCIETIES

- American College of Sports Medicine (1977-present)
- Canadian Society for Exercise Physiology (formerly CASS) (1978-present)

RESEARCH FUNDING

- 2017-18 BUAF Applied Health Sciences Matching Grant (with T. Tsakiridis and N. Klentrou). \$2,500.00. *Cytokine response to IRT (Intensity-modulated Radiotherapy) vs. 3-D CRT (3-dimensional Conformal Radiotherapy) in the treatment of prostate cancer.*
- 2016-17 BUAF Internal Grant (with T. Tsakiridis and N. Klentrou). \$5,000.00. *Cytokine response to IRT (Intensity-modulated Radiotherapy) vs. 3-D CRT (3-dimensional Conformal Radiotherapy) in the treatment of prostate cancer.*
- 2003-04 CIHR Internal (with J. Hay, N. Klentrou, T. Wade, B. Faught, J. Mandigo, J. Cairney). \$8,072.00. *Team Development Grant – “The interaction between physical activity and obesity in adolescents”*
- 2002-07 CFI (with M.J. DeSouza, J. Goodman, G. Hawker, S. Jaglal, **M. Plyley**, C. Rodgers). \$160,000.00 *“Establishing a bone health and osteoporosis prevention program laboratory for girls and women”*
- 2001-02 CIHR Internal (with P. Klentrou and M.J. DeSouza). \$5,000.00. *The effect of HRT and exercise training on bone health in post-menopausal women.*
- 2001-02 CIHR Internal (with Nota Klentrou, Mary Jane DeSouza, and Jochen Viljoen). \$5,000.00. *The effect of a weighted-vest strength and balance training program on obstructed walking in post-menopausal women.*
- 1997-98 Ontario Thoracic Society (with J. Goodman), \$34,180.00. *Effect of dynamic knee extensor strength on physical function in patients with congestive heart failure.*
- 1997-98 Heart and Stroke Foundation of Canada (with K. Tymi and E. Noble), \$30,000.00. *Microvascular perfusion in disused and aged skeletal muscle.*
- 1995-98 Heart and Stroke Foundation of Canada (with K. Tymi and E. Noble), \$110,874.00. *Microvascular perfusion in disused and aged skeletal muscle.*
- 1995-97 Supply & Services Canada (DND/DCIEM). \$73,258.80. *Importance of hydration and heat tolerance while wearing NBC protective clothing.*
- 1995-96 American College of Sports Medicine Research Foundation (with H. Smith). \$3,500.00. *Immunocytological detection of exercise induced muscle damage.*
- 1994-97 Supply & Services Canada (DND/DCIEM), \$72,071.00. *Cardioscint beat-to-beat validation and centrifuge experiments.*

- 1994-95 Supply & Services Canada (DND/DCIEM), \$30,265.00. *Influence of metabolic rate and permeability of clothing on tolerance time.*
- 1993-94 Sport Canada (with J. Goodman), \$6,000.00. *Relationship of muscle blood flow to aerobic power in untrained, endurance trained and resistance trained individuals.*
- 1993-94 Canadian Fitness & Lifestyle Research Institute (with J. Goodman), \$15,681.00. *Limitations to exercise in persons with paraplegia.*
- 1992-94 Ontario Ministry of Tourism & Recreation (with J. Goodman & S. Thomas), \$16,650.00. *Age, resistance and aerobic training in the elderly.*
- 1992-93 Lyndhurst Spinal Cord Centre (with J. Vaughan, J. Pepper, T. Nantias & M. Tonack), \$2,995.00. *A comparison of the oxygen cost of arm cranking vs. wheel chair ergometry in the C5-C7 spinal cord injured individual during rehabilitation.*
- 1991-93 Canadian Fitness & Lifestyle Research Institute (with S. Thomas & J. Goodman), \$14,750.00. *A comparison of the peripheral and central responses of elderly individuals to aerobic training in combination with strength training in comparison to aerobic training alone.*
- 1991-92 Supply & Services Canada (DND/DCIEM), \$26,984.00. *Influence of endurance training on physical work capacity in a hot environment wearing NBC clothing.*
- 1990-91 Accommodation & Facilities Directorate, University of Toronto (with J. Goodman). \$30,000.00. *Equipment/facilities: Renovation of exercise physiology laboratory.*
- 1990-91 Canadian Space Agency (with W. Rhodes & N.H. McKee). \$79,995.00. *Effect of treadmill and strength training on the atrophy of skeletal muscle in the hindlimb suspension model of microgravity.*
- 1989-92 Natural Sciences & Engineering Research Council, \$30,000.00, *Regeneration of skeletal muscle.*
- 1989-91 Fitness and Lifestyle Research Institute (with J. Goodman), \$31,020.00. *Central and peripheral adaptation in coronary bypass patients.*
- 1989-91 Physicians Services Inc. (with R. Chow & J. Harrison), \$35,000.00. *Strength training and osteoporosis.*
- 1989-90 Sport Canada, \$6,850.00. *Development of a modified Wingate test to assess anaerobic power and capacity during sprint swimming.*
- 1988-91 Supply & Services Canada (DND/DCIEM), \$175,540.00. *Relationship between insulin sensitivity and physical fitness.*
- 1988-89 Sport Canada, \$3,995.00. *Physiological and biomechanical analyses of the front crawl stroke on the Biokinetic SwimBench.*
- 1988-89 Swimming Canada, \$7,650.00. *Ontario regional swimming research centre.*
- 1987-88 Rhodes & Associates, \$9,000.00. *Effects of the XC4 gas mask on human performance.*
- 1987-88 Swimming Canada, \$7,650.00. *Ontario regional swimming research centre.*
- 1986-87 Natural Sciences & Engineering Research Council (with P. Tiidus). \$3,000.00, *Symposium: Adaptations prolonged exercise (satellite meeting to the 1986 IUPS).*
- 1986-87 Wintario (with P. Tiidus), \$23,500.00. *Special Satellite Meeting to the 1986 International Union of Physiological Society Meeting on Adaptations to prolonged exercise*
- 1986-89 Natural Sciences & Engineering Research Council, \$45,000.00. *Regeneration of skeletal muscle.*
- 1986-87 Swimming Canada, \$21,000.00. *Ontario regional swimming research centre.*
- 1985-87 Sport Canada (with R. Shephard & I. Jacobs), \$9,500.00. *Glucose polymer ingestion and soccer performance.*
- 1985-86 Swimming Canada, \$21,000.00. *Ontario regional swimming research centre.*
- 1984-85 Ontario Ministry of Tourism and Recreation (with P. Klavora), \$20,000.00. *Physiological evaluation of provincial level athletes.*
- 1984-85 Canadian Yachting Association (with R. Shephard), \$2,000.00. *Physiological evaluation of the 1984 Olympic team members.*

- 1984-85 Swimming Canada, \$21,000.00. *Ontario regional swimming research centre.*
- 1984-85 Canadian Amateur Soccer Association, (with R. Shephard), \$3,200.00. *Physiological evaluation of the under-18 soccer team.*
- 1984-85 Canadian Amateur Badminton Association, (with G. Davis), \$1,800.00. *Physiological evaluation of national team members.*
- 1983-84 Ontario Ministry of Tourism and Recreation (with P. Klavora) \$40,000.00. *Physiological evaluation of provincial level athletes.*
- 1983-84 Canadian Amateur Rowing Association (with P. Klavora), \$5,400.00. *Physiological evaluation of national team members.*
- 1983-84 Swimming Canada (with M. Cox), \$48,000.00. *Canadian national swimming research centre.*
- 1983-84 Canadian Amateur Badminton Association (with G. Davis), \$1,800.00. *Physiological evaluation of national team members.*
- 1982-84 Supply & Services Canada (DND/DCIEM), \$65,602.00. *Sleep deprivation and human performance.*
- 1982-84 Connaught Fund (with R.J. Shephard & others), \$85,000.00. *Changes in fitness and lifestyle in retiring faculty following a six month training program.*
- 1982-84 Supply & Services Canada (DND/DCIEM), \$76,582.00. *Protocols for accurate assessment of body composition.*
- 1982-83 Swimming Canada (with M. Cox), \$58,000.00, *Canadian national swimming research centre.*
- 1982-83 Canadian Orienteering Federation (with G. Davis), \$3,525.00, *Physiological evaluation of national orienteering team members.*
- 1981-82 Swimming Canada (with M. Cox), \$54,000.00, *Canadian national swimming research centre.*
- 1981-82 Canadian Amateur Rowing Association, (with P. Klavora), \$6,750.00, *Physiological evaluation of national team members.*
- 1981-82 Canadian Orienteering Federation, (with G. Davis), \$3,200.00, *Physiological evaluation of national orienteering team members.*
- 1980-81 Swimming Canada (with M. Cox), \$60,000.00, *Canadian national swimming research centre.*

PUBLICATIONS SUMMARY

	TOTAL	2010-16
Books and Manuals:	1	0
Chapters in books:	12	0
Published papers:		
a) refereed journals:	81	4
b) conference proceedings:	11	0
Technical Reports:	18	0
Abstracts:		
a) published:	144	2
b) papers read at learned societies:	56	2
Invited Lectures/Presentations	41	1
Web of Science Citations (as of 15-02-2017)	1550	
H-index Score (Web of Science)	24	

Note - the individuals underlined in the various publication listed below were Graduate Students under my supervision at the time the cited research was being conducted.

EDITORIAL POSITIONS HELD

- 2006-11 Editorial Board, International Journal of Coaching Science
- 2006-07 Sports Science Editor, Canadian Journal of Sport Science and Coaching
- 2002-05 Sports Science Editor, Coaches Report
- 1991-94 Section Editor, Canadian Journal of Applied Physiology

THESES

1. **Plyley, M.J.** (1977). Capillary Supply of skeletal Muscle. Ph.D. Thesis, London: Western University.

BOOKS and MANUALS

1. Faught, B., N. Petrella, B. Montelpare, M. Nystrom and **M. Plyley**. (2006). Faught Aerobic Skating Test (FAST) Instruction Manual. St. Catharines: Brock University.

BOOK CHAPTERS

12. Klentrou, P., A. Flouris and **M. Plyley**. (2006). *Pubertal maturation, hormonal levels and body composition in Canadian male and female gymnasts*. In: Kinanthropometry IX. M. Marfell-Jones, A. Stewart, R. Gordon and T. Olds (eds.). pp.109-122.
11. **G. Wells** and **Plyley, M.** (2003). *Energy for muscular activity*. In: Foundations of Exercise Science – Studying Human Movement and Health. (P. Klavara, ed.). Toronto: Sport Book Publisher, pp. 94-107.
10. Shephard, R.J. and **M.J. Plyley**. (2000). *Circulación periférica y resistencia*. In: La Resistencia en el Deporte. R.J. Shephard and P-O. Åstrand, eds.). Barcelona: Editorial Paidotribo, pp. 86-102.
9. Shephard, R. J. and **M.J. Plyley**. (1992). *Peripheral Circulation*. In: Encyclopedia of Sports Medicine. (P-O. Astrand and R.J. Shephard, eds.). London: Blackwell Scientific Publications. pp. 80-95.
8. **Plyley, M.J.** (1989). *Principles of exercise testing*. In: Current Therapy in Sports Medicine. (R.P. Welsh and R.J. Shephard, eds.). Toronto: B.C. Decker. pp. 139-144.
7. **Plyley, M.J.** (1984). *Cardiopulmonary physiology*. In: Current Therapy in Sports Medicine. (R.P. Welsh and R.J. Shephard, eds.). Toronto: B.C. Decker, Inc. pp. 4-8.
6. **Plyley, M.J.** (1983). *Nutritional considerations for swimmers*. In: A Scientific Approach to the Sport of Swimming. (J. Troup and R. Reese, eds.). Gainesville, FL: Scientific Sports, Inc. pp.106-116.
5. **Plyley, M.J.** (1982). *Athlete assessment and evaluation*. In: Technical Manual Level III Swimming. Ottawa: Canadian Amateur Swimming Association. pp. 200-224.
4. Troup, J., **M.J. Plyley**, R.L. Sharp and D.L. Costill. (1982). *Development of swimming strength*. In: Biokinetic Strength Training. vol. 2. (E. Flavel, ed.). Albany, CA: Counsilman, Inc. pp. 48-57.
3. Costill, D.L., **M.J. Plyley**, R.L. Sharp and J.P. Troup. (1980). *The age group swimmer*. In: Biokinetic Strength Training. vol. 1. (E. Flavel, ed.). Albany, CA: Councilman, Inc., pp. 181-184.
2. Costill, D.L., **M.J. Plyley**, R.L. Sharp and J.P. Troup. (1980). *Development of peak performance: strength training and tapering*. In: Biokinetic Strength Training. (E. Flavel, ed.). Albany, CA: Councilman, Inc. pp. 185-190.
1. **Plyley, M.J.** and A.C. Groom. (1976). *Microcirculation in skeletal muscle: geometry of the capillary vascular network*. In: Blood Flow in skeletal Muscle. (J. Grayson and W. Zingg, eds.). Toronto: Springer. pp.361-382.

PAPERS CURRENTLY IN REVIEW / IN PREPARATION

5. Smith, H.K. and **M.J. Plyley**. (2016). *Fiber type-specific capillarity of hypertrophic skeletal muscles of myostatin-deficient mice*. Am. J. Physiol. (in review).
4. **Plyley, M.J.** (2016). *The capillary supply of human skeletal muscle: a meta analysis*. Appl. Physiol. Nutr. Metab. (in preparation).
3. **Engel, A.**, C.R. Rodgers, N.H. McKee and **M.J. Plyley**. (2016). *The capillary supply of skeletal muscle in STZ-induced diabetes*. J. Appl. Physiol. (in preparation).
2. **Deonarain, S.**, J.M. Goodman, S.G. Thomas, P.P. Liu, N.H. McKee and **M.J. Plyley**. (2016). *Capillarization of rat skeletal muscle in an acute model of congestive heart failure: effect of training*. J. Appl. Physiol. (in preparation).
1. **Plyley, M.J.**, J.J. Hartley, R.D. Forsyth and W.D. Rhodes. (2016). *The effect of training mode on the capillary supply of skeletal muscle during hindlimb suspension*. Appl. Physiol. Nutr. Metab. (in preparation).

PAPERS PUBLISHED IN REFEREED JOURNALS

81. **Batey, B.**, Pretty, C., Wade, T.J., **Plyley, M.J.** and O'Leary, D.D. (2016). *Health-related quality of life in patients attending maintenance cardiovascular rehabilitation*. Eur. J. Cardiovasc. Prev. Rehabil. (in review).

80. Faught, B.E., K. Sheehan, **M. Pyley**, M. Law, W.J. Montelpare, and L. Wiens. (2015). *The Role of Intra-partum Intravenous Therapy and Newborn Weight Loss: Challenging the 7% Rule*. Clin. Mother Child Hlth 12: 1-4.
79. Russell, C., E. Papadopoulos, Y. Mezil, I.A. Ludwa, G.D. Wells, **M. Pyley**, M. Greenway and P. Klentrou. (2014). *Acute versus chronic supplementation of sodium citrate on 200m performance in adolescent swimmers*. J. Intern. Soc. Sports Nutr. 11: 26-35.
78. Hartley, G.L., A.D. Flouris, **M.J. Pyley** and S.S. Cheung. (2012). *The effect of a covert manipulation of ambient temperature on heat storage and voluntary exercise intensity*. Physiol. Behav. 105: 1194-1201, 2012.
77. Marzolini, S, D.J. Mertens, P.I. Oh and **M.J Pyley**. (2010). *Self-reported compliance to home-based resistance training in cardiac patients*. Eur. J. Cardiovasc. Prev. Rehabil. 17: 35-49.
76. Inglis, J.G., M. Doucet, B. Roy, **M. Pyley** and P. Klentrou. (2007). *Use of a water gel suit for cooling during sub-maximal exercise in the heat*. Intern. J. Fitness 3: 51-59.
75. N.J. Petrella, W.J. Montelpare, M. Nystrom, **M. Pyley** and B.E. Faught. (2007). *Validation of the FAST Skating Protocol to Predict Aerobic Power in Ice Hockey Players*. Appl. Physiol. Nutr. Metab. 32: 693-700.
74. Klentrou, P., M.L. Nishio and **M.J. Pyley**. (2006). *Ventilatory breakpoints and bioenergetics in boys and men*. Pediatr. Exerc. Sci. 18: 216-225.
73. Wells, G.D., J. Schneiderman-Walker and **M. Pyley**. (2006). *Physiological characteristics of elite swimmers*. Pediatr. Exerc. Sci. 17:30-52.
72. Wells, G.D., **M. Pyley**, S. Thomas, L. Goodman and J. Duffin. (2005). *Effects of concurrent inspiratory and expiratory muscle training on respiratory and exercise performance in competitive swimmers*. Eur J Appl Physiol. 94: 527-540.
71. Kuzon, W.M., **M.J. Pyley**, D.R. Rosenblatt, J.S. Fish and N.H. McKee. (2004). *Metabolic characteristics of experimental free, vascularized canine gracilis muscle transfers*. Plast. Reconstruct. Surg. 113: 932-941.
70. Klentrou, P., M. Cunliffe, J. Slack, B. Wilk, O. Bar-Or, M.J. De Souza, **M. Pyley**. (2004). *Temperature regulation during rest and exercise in the cold in pre-menarcheal and menarcheal girls*. J. Appl. Physiol. 96: 1393-1398.
69. Pasek, T., Gaertner, H. and **M. Pyley**. (2004). *Świadome sterowanie w ćwiczeniach Jogi*. Wychowanie Fizyczne i Zdrowotne 4: 7-11
68. Klentrou P. and **M. Pyley**. (2003). *Onset of puberty, menstrual frequency and body fat in elite rhythmic gymnasts versus normal controls*. Br. J. Sports Med. 37:490-494.
67. Klentrou, P., J. Hay and **M. Pyley**. (2003). *Effect of habitual physical activity on health outcomes of Ontario youth*. Eur. J. Appl. Physiol. 89: 460-465.
66. Klentrou P., T. Cieslak, M. MacNeil, A. Vintinner, and **M. Pyley**. (2002). *Effect of moderate exercise on salivary IgA and infection risk*. Eur. J. Appl. Physiol. 31: 73-81.
65. **Pyley, M.J.** (2002). *Time-motion analysis and beyond*. Coaches Report 9: 32-34.
64. Smith, H.J., **M.J. Pyley**, N.H. McKee and C.D. Rodgers. (2001). *Exercise-enhanced satellite cell proliferation and new myonuclear accretion in rat skeletal muscle*. J. Appl. Physiol. 90:1407-1414.
63. Walker, M., P. Klentrou, R. Chow and **M. Pyley**. (2000). *Longitudinal evaluation of supervised vs. unsupervised exercise program for the treatment of osteoporosis*. Eur. J. Appl. Physiol. 83: 349-355.
62. J.M. Goodman, D.V. Pallandi, J.R Reading, **M.J. Pyley**, P.P. Liu and T. Kavanagh. (1999). *Central and peripheral adaptations after 12 weeks of exercise training in post-coronary artery bypass surgery patients*. J. Cardiopulm. Rehab. 19: 144-150.
61. Hepple R.T., **M.J. Pyley**, P.P. Liu, P.R. McLaughlin, and J.M. Goodman. (1999). *Oxygen uptake kinetics during exercise in chronic heart failure: relationship to peripheral vascular reserve*. Clin. Sci. 97: 569-577.
60. Smith, H.K., **M.J. Pyley**, C.D. Rodgers and N.H. McKee. (1999). *Expression of developmental myosin and morphological characteristics in adult rat skeletal muscle*. Eur. J. Appl. Physiol. 80: 84-91.
59. Hepple, R.T., T.L. Babits, **M.J. Pyley** and G.M. Goodman. (1999). *Dissociation of peak vascular conductance and VO₂max among highly trained athletes*. J. Appl. Physiol. 87: 1368-1372.
58. Kaprielian R., **M.J. Pyley**, P. Klentrou and J.M. Goodman. (1998). *The effect of lower body positive pressure on the cardiovascular response to exercise in sedentary and endurance-trained persons with paraplegia*. Eur J. Appl. Physiol. 78: 141-147.

57. **M.J. Pyley**, B.J. Olmstead and E.G. Noble . (1998). *Time course of changes in the capillarization of hypertrophied rat plantaris muscle*. J. Appl. Physiol. 84: 902-907.
56. Hepple, R.T., S.L.M. MacKinnon, J.M. Goodman, S.G. Thomas and **M.J. Pyley**. (1997). *Quantitating the capillary supply and the response to resistance training in older men*. Pflugers Arch. Eur. J. Physiol. 433: 238-244.
55. Smith, H.K., **M.J. Pyley**, C.D. Rodgers and N.H. McKee. (1997). *Skeletal muscle damage in the rat hindlimb following single or repeated daily bouts of downhill exercise*. Intern. J. Sport Med. 18: 94-100.
54. Hepple, R.T., S.L.M. MacKinnon, J.M. Goodman, S.G. Thomas and **M.J. Pyley**. (1997). *Resistance and aerobic training in older men: effect on aerobic power and capillary supply*. J. Appl. Physiol. 82: 1305-1310.
53. Guthrie, B.M., S.P. K.W. Marshall, D.J. Mikulis and **M.J. Pyley**. (1996). *Endurance trained and untrained skeletal muscle bioenergetics observed with magnetic resonance spectroscopy*. Can. J. Appl. Physiol. 21: 251-263.
52. Awerbuck, D., N.H. McKee, V. Luong and **M.J. Pyley**. (1994). *Skeletal muscle form and function after 4 hr ischemia-hypothermia*. J. Surg. Res. 57: 480-486.
51. Reading, J.L., J.M. Goodman, **M.J. Pyley**, J.S. Floras, P.P. Liu, P.R. McLaughlin and R.J. Shephard. (1993). *Vascular conductance and aerobic power in sedentary and active subjects and heart failure patients*. J. Appl. Physiol. 74: 567-573.
50. Fish, J.S., N.H. McKee, W.M. Kuzon and **M.J. Pyley**. (1993). *The effect of hypothermia on changes in isometric contractile function in skeletal muscle following tourniquet ischemia*. J. Hand Surg. 18A: 210-217.
49. Bluecharde, M., S.G. Thomas, M. Wiens and **M.J. Pyley**. (1992). *Repeated measures of pulmonary function following spinal cord injury*. Paraplegia 30: 768-774.
48. Reading, J., J. Goodman, **M.J. Pyley**, P.R. McLaughlin, P.P. Liu and R.J. Shephard. (1992). *Design of a calf muscle ergometer for the study of local muscle blood flow*. Can. J. Sport Sci. 17: 91-93.
47. Goodman, J.M., **M.J. Pyley**, R.M. Holloway, D. Fell, A.G. Logan, P.R. McLaughlin and P.P. Liu. (1992). *Impaired cardiopulmonary response to exercise in moderate hypertension*. Can. J. Cardiol. 8: 363-371.
46. Kerr, M.H., R.D. Forsyth and **M.J. Pyley**. (1992). *Cold water and hot iron: trial by ordeal in England*. J. Interdiscipl. Hist. 22: 573-595.
45. Motelpare, W.J., **M.J. Pyley** and R.J. Shephard. (1992). *Evaluating the influence of sleep deprivation upon circadian rhythms of exercise metabolism*. Can. J. Sport Sci. 17:94-97.
44. Radomski, M.W., L.E.M. Hart, J.M. Goodman and **M.J. Pyley**. (1992). *Aerobic fitness and hormonal responses to prolonged sleep deprivation and sustained mental work*. Aviat. Space Environm. Med. 63: 101-106.
43. Shephard, R.J., W. Montelpare, **M. Pyley**, D. McCracken and R.C. Goode. (1991). *Handgrip dynamometry, CYBEX measurements and lean mass as markers of the aging of muscle function*. Br. J. Sports Med. 25: 204-208.
42. Goodman, J., C. Lefkowitz, P. Liu, P. McLaughlin, and **M. Pyley**. (1991). *Left ventricular functional response to moderate and intense exercise using radio nuclide angiography*. Can. J. Sport Sci. 16: 204-209.
41. Kuzon, W.M., J.D. Rosenblatt, B.R. Pynn, **M.J. Pyley** and N.H. McKee. (1991). *Fiber type morphometry and capillary geometry in free vascularized muscle transfers*. Microsurg. 12: 352-360.
40. Davis, G., **M.J. Pyley** and R.J. Shephard. (1991). *Gains in cardiorespiratory fitness with arm-crank training in spinally disabled men*. Can. J. Sport Sci. 16: 64-72.
39. **Pyley, M.J.** (1990). *Fine tuning the capillary supply for maximum exercise performance*. Perspec. Cardiol. 6: 25-34.
38. Goodman, J.G., **M.J. Pyley**, L.E.M. Hart, M.M. Radomski and R.J. Shephard. (1990). *Moderate exercise and hemodilution during sleep deprivation*. Aviat. Space Environm. Med. 61: 139-144.
37. **Pyley, M.J.** (1990). *Quantifying the capillary supply of skeletal muscle*. Can. J. Sport Sci. 15: 84-85.
36. Kuzon, W.M., S.C. Huebell, J.D. Rosenblatt, P. Leatt, **M.J. Pyley**, N.H. McKee and I. Jacobs. (1990). *Muscle fiber morphometry and capillary geometry in elite Canadian soccer players*. Intern. J. Sports Med. 11: 99-102.
35. Green, H.J., **M.J. Pyley**, D.M. Smith and J.G. Kile. (1989). *Extreme endurance training and fiber type adaptation in rat diaphragm*. J. Appl. Physiol. 66: 1914-1920.
34. Kuzon, W.M., J.D. Rosenblatt, B.R. Pynn, P.J. Marchetti, **M.J. Pyley** and N.H. McKee. (1989). *A comparative histochemical and morphometric study of canine skeletal muscle*. Can. J. Vet. Res. 53: 125-132.

33. **Plyley, M.J.** (1989). *The capillary supply of skeletal muscle*. Can. J. Sport Sci. 14: 130-131.
32. Fish, J.S., N.H. McKee, **B.R. Pynn**, **W.M. Kuzon**, **M.J. Plyley**. (1989). *Isometric contractile function recovery following tourniquet ischemia*. J. Surg. Res. 47: 365-370.
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15. Rosenblatt, J.D., W. Kuzon, M. Houston, N. McKee and **M. Pyley**. (1988). *Myosin isozymes and light chains in regenerating skeletal muscle following chronic low frequency electrical stimulation*. 7th International Conference on the Biochemistry of Exercise, London, Ontario.
14. Fish, J., N. McKee, W. Kuzon, and **M. Pyley**. (1988). *Recovery of function in skeletal muscle after tourniquet application*. Canadian Society of Plastic Surgery, Pointe-au-Pic, PQ.
13. Kuzon, W., H. Green, N. McKee, P. Lin, D. Rosenblatt and **M. Pyley**. (1988). *Use of ATP-MgCl₂ in post ischemic skeletal muscle*. Canadian Society of Plastic Surgery, Point-au-Pic, Quebec.
12. Fish, J., W. Kuzon, B. Pynn, **M.J. Pyley** and N. McKee. (1988). *Skeletal muscle function following tourniquet ischemia*. Canadian Association of Clinical Surgery, Toronto, Ontario..
11. Rosenblatt, J.D., W.M. Kuzon, B.R. Pynn, **M.J. Pyley** and N.H. McKee. (1987). *A histochemical and morphometric study of the canine semitendinosus muscle*. Clinical Research Society of Toronto, Toronto, Ontario.
10. Heubell, S.C., W.M. Kuzon, J.D. Rosenblatt, P. Leatt, **M.J. Pyley**, N.H. McKee and I. Jacobs. (1987). *Fiber type, fiber size and capillary geometry of elite Canadian soccer players*. Clinical Research Society of Toronto, Toronto, Ontario.
9. Pynn, B.R., W.M. Kuzon, J.D. Rosen, N.H. McKee and **M.J. Pyley**. (1986). *Electrical stimulation of muscle: a model of high resistance training in rats*. Clinical Research Society of Toronto, Toronto, Ontario.
8. Kuzon, W.M., R.G. Zeldt, H.J. Green, P.A. Ballard, B.R. Pynn, **M.J. Pyley**, N.H. McKee and R.K. Daniel. (1986). *Skeletal muscle energy metabolism following high voltage electrical injury*. American College of Surgeons, New Orleans, Louisiana.
7. Kuzon, W.M., N.H. McKee, B.R. Pynn, D.R. Rosen, **M.J. Pyley** and H.J. Green. (1986). *Morphometric and biochemical characteristics of free, vascularized muscle transfers*. Plastic Surgery Research Council, Norfolk, Virginia.
6. Durocher, M.W., M.H. Cox and **M.J. Pyley**. (1983). *A comparison of cardiorespiratory responses between treadmill running and tethered swimming*. Ontario Exercise Physiology Meeting, Collingwood, Ontario.
5. Goodman, J., **M. Pyley** and L. Hart. (1983). *Sleep deprivation and acid-base balance*. Ontario Exercise Physiology Meeting, Collingwood, Ontario.
4. Goodman, J., **M. Pyley** and M. Durocher. (1982). *Ventilation measurement in automated metabolic measurement systems*. Ontario Exercise Physiology Meeting, Collingwood, Ontario.
3. **Pyley, M.J.**, R.C. Goode, J.V. Daniel and M.H. Cox. (1982). *Physical fitness, lifestyle and stress*. American Occupational Health Conference, Toronto.

2. Sherman, M.W., **M.J. Pyley**, R.L. Sharp, P.J. Van Handel, W.J. Fink, R.M. McAllister and D.L. Costill. (1981). *Muscle glycogen and its apparent association with water*. Pan American Congress of Sports Medicine and Exercise Science, Miami.
1. **Pyley, M.J.** and A.C. Groom. (1975). *Microcirculation in skeletal muscle: capillary geometry in longitudinal section*. 1st World Congress on the Microcirculation, Toronto, Ontario.

MEETINGS ORGANIZED

- 2017-18 Scientific Program Chair, 2018 Annual Scientific Meeting, Canadian Society for Exercise Physiology, Brock University, October 20-22, (with P. Klentrou, Conference Organizing Committee Chair)
- 2005-16 Program Chair, Brock University Graduate Student Research Conference - Mapping New Knowledges
- 2002-03 Scientific Program Chair, 2003 Annual Scientific Meeting, Canadian Society for Exercise Physiology, Brock University, October 1-3, (with P. Klentrou, Conference Organizing Committee Chair)
- 1997-98 Scientific Program Chair, 1998 Annual Meeting, Canadian Society for Exercise Physiology, University of Toronto, October (with I. Jacobs, Meeting Chair)
- 1989-90 Annual Meeting, Ontario Exercise Physiology, Orillia, February (with J.M. Goodman, Co-Chair).
- 1984-85 Scientific Program Chair, 1985 Satellite Meeting to the International Union of Physiological Societies on *Physiological Responses to Prolonged Exercise*. Toronto, June (with R. Shephard, Co-Chairs).
- 1982-83 Annual Meeting, Ontario Exercise Physiology, Collingwood, February (with P.M. Tiidus, Co-Chair)

INVITED LECTURES AND PRESENTATIONS

48. *Importance of professional skill development in the training graduate students for global competitiveness*. Panel: Canada/US Connections. The mobility of global talent and networking., Congress 2014: Borders Without Borders, Brock University, May, 2014.
47. *The capillary supply of human skeletal muscle in health and disease*. Faculty of Applied Health Sciences, Brock University, Aging Research Seminar Series, February, 2007.
46. *Microvascular dynamics in skeletal and cardiac muscle*. Cardiovascular Sciences Collaborative Program, University of Toronto, March, 2003.
45. *Adaptive response to 26 weeks of training in coronary-bypass patients*. Faculty of Applied Health Sciences, Brock University, March, 2001
44. *Capillarization of human skeletal muscle: effects of age, gender and training*. Faculty of Applied Health Sciences, Brock University, January, 2001
43. *Microvascular dynamics in skeletal and cardiac muscle*. Cardiovascular Sciences Collaborative Program, University of Toronto, January, 2001.
42. *Adaptation to training of the three energy systems*. Department of Physical Education, York University, October, 2000.
41. *The research scientist and the coach as a team*. Department of Physical Education, York University, January, 1999.
40. *What science can tell the coach*. Department of Physical Education, York University, January, 1998.
39. *Determinants of swimming performance*. Northumberland Swim Club, Coburg, October, 1997.
38. *The capillary supply of hypertrophied skeletal muscle*. Department of Kinesiology, McMaster University, February, 1997
37. *The influence of fibre size on the capillary supply and angiogenesis in skeletal muscle*. Faculty of Kinesiology, University of Western Ontario, September, 1995.
36. *Muscle blood flow and its relationship to maximal oxygen uptake*. Centre for Physical Activity and Aging, University of Western Ontario, September, 1995.
35. *Capillary supply of skeletal muscle: role of fibre size in initiating capillary development*. School of Physical & Health Education. January, 1995.
34. *Capillary supply of skeletal & cardiac muscle*. Cardiovascular Sciences Collaborative Program, University of Toronto, October, 1993
33. *Central and peripheral factors in exercise and heart failure*. Cardiovascular Sciences Collaborative Program, University of Toronto, February, 1993.

32. *Capillary supply of human skeletal muscle*. Faculty of Kinesiology and Centre for Activity & Aging, University of Western Ontario, March, 1992.
31. *Modelling of the vascularization of skeletal muscle*. School of Physical & Health Education, University of Toronto, April, 1991.
30. *Exercise testing and prescription for family practice physicians*. Continuing Medical Education, Toronto Family Practice Residents Association, Toronto. September, 1991.
29. *The capillary supply of skeletal muscle: 1. Theoretical and methodological considerations. and 2. The capillary supply of skeletal muscle in humans*. United States Olympic Training Centre, Colorado Springs, April, 1990.
28. *An incisive review of skeletal muscle biopsies*. Nuclear Cardiology Research Rounds, Toronto General Hospital, Toronto. June, 1989.
27. *Fitness testing and programming*. SAPHER Conference, University of Toronto, January, 1989.
26. *Limitations to exercise performance in health and disease: both ends of the spectrum*. Medical Rounds, Mount Sinai Hospital, September, 1988.
25. *Physiological factors affecting muscle force output*. Department of Rehabilitation Medicine, Toronto Western Hospital, November, 1987.
24. *Capillary supply of skeletal muscle*. Institute of Biomedical Engineering, University of Toronto. July, 1987.
23. *Capillary supply of regenerated skeletal muscle*. School of Physical & Health Education, University of Toronto, September, 1987.
22. *Conditioning the young: when do we overtrain?* Coaching Association of Canada, Peterborough, Nov., 1987
21. *The effect of physical activity on the regeneration of skeletal muscle*. Department of Kinesiology, University of Waterloo, February, 1987.
20. *Muscle regeneration: physiological, biochemical and morphological characteristics*. Faculty of Physical Education, University of Western Ontario, December, 1986.
19. *Capillarization in skeletal muscle*, Department of Kinesiology, University of Waterloo, October, 1986.
18. *Muscle regeneration following severe trauma: cardiovascular and microvascular aspects*. Department of Biophysics, University of Western Ontario. October, 1986.
17. *Physiological assessment of athletes*. Fitness Institute, Toronto, May, 1986.
16. *Muscle physiology following transplantation*. Department of Physical Education, York University, Oct., 1984.
15. *Muscle strength and power: importance to swimming performance*. Annual Meeting, Canadian Swim Coaches Association, Banff. October, 1984.
14. *Performance and sleep deprivation*. Family Practice Unit, Hamilton General Hospital, Hamilton. Aug., 1984.
13. *Potential of role of carbohydrate loading in thermoregulation and vascular fluid homeostasis*. School of Physical & Health Education, October, 1984.
12. *Developing testing and training programs*. Continuing Education for Physiotherapists, Toronto. May, 1983.
11. *The effect of biological rhythms on physiological function*. Toronto General Hospital, Toronto. Sept., 1983.
10. *Energy systems and their monitoring for training*. Annual Meeting, Canadian Swim Coaches Association, Ottawa. October, 1983.
9. *Exercise testing and rowing performance*. Annual Meeting, Canadian Rowing Association, Welland. May, 1983.
8. *Strength measurements and norms of Canadian swimmers*. Annual Meeting, Canadian Swim Coaches Association, Mont Ste. Marie. October, 1982.
7. *Role of exercise in nutrition, health and disease*. Department of Continuing Studies, University of Toronto, December, 1982.
6. *Role of physical activity in the health of the aged individual*. Department of Continuing Studies, University of Toronto. November, 1982.
5. *Capillary supply of regenerated skeletal muscle*. Department of Physiology, University of Toronto. June, 1982
4. *Fuels for exercise*. Department of Community Health, February, 1981.

3. *Strength training and the adolescent swimmer*. Faculty of Physical Education, University of Western Ontario, London. April, 1981.
2. *Physical activity and cardiovascular disease*. Ontario Heart Foundation, Barrie. April, 1981.
1. *Strength training and swimming performance*. Annual Meeting, Canadian Swim Coaches Association, Mont Ste. Marie. October, 1980.

GRADUATE STUDENTS SUPERVISION AND INVOLVEMENT:

To date: Ph.D. – 7 completed, 0 in progress; M.Sc. – 21 completed, 0 in progress

M.Sc. Students Supervised:

21. Elizabeth Euler. "*Influence of timing of milk consumption coupled with endurance training on body composition and endurance training adaptations in humans*", 2014 (co-supervisor with Brian Roy).
20. Brandon Batey. "*Changes in the quality of life in patients attending a Phase III cardiovascular rehabilitation program*", 2010 (co-supervisor with Debbie O'Leary).
19. Kim Sheehan. "*The relationship between intrapartum intravenous therapy and newborn weight loss: challenging the 7-10% rule*", 2009.
18. Mamta Kadyan. "*The capillary supply of human skeletal muscle in health and disease*", 2006.
17. Susan Deonarian, "*The effect of exercise on skeletal muscle morphology in an experimental model of acute, congestive heart failure*", 1999.
16. Greg Wells, "*Adaptation of the peripheral chemoreceptors in competitive swimmers*", 1999.
15. Anna Engel, "*Capillary-muscle fibre morphometry in female diabetic & impaired glucose tolerant rats*". 1998
14. Michael Walker, "*A cross-sectional study of the efficacy of a supervised exercise program in the prevention and treatment of osteoporosis*", 1998.
13. Tami Axcell, "*Reliability of computerized isokinetic dynamometers*", 1993.
12. Russ T. Hepple, "*Kinetics of the V_{O_2} on-response in chronic heart failure*", 1992.
11. Jim J. Hartley, "*Muscle adaptations to strength and endurance training in the hindlimb suspension model of 'microgravity'*", 1992.
10. Janet A. Wells-O'Rourke, "*Ventilatory pattern in exercise-induced asthma*", 1991.
9. Edward J. Strohm "*Modified Wingate test to measure anaerobic energy in sprint freestyle swimming*", 1990
8. J. David Rosenblatt "*Myosin isozymes and light chains in regenerating skeletal muscle following chronic, low frequency, electrical stimulation*", 1987.
7. Laurie J. Allan, "*Effects of treadmill exercise at cold ambient temperatures on pulmonary function in normal subjects*", 1986.
6. Bruce R. Pynn "*Electrically-induced training of the rat gastrocnemius muscle*", 1986.
5. Anne F. Dale "*The importance of muscular training, and its specificity to swimming performance*", 1984.
4. Mary L. Nishio "*A comparison of maximum oxygen uptake and ventilatory breakpoints between 10-11y old boys and adults*", 1984.
3. Lucy E.M. Hart "*Endocrine responses of females to 54h of sleep deprivation & sustained mental work*", 1983
2. Jack M. Goodman "*Cardiovascular adjustments of females to prolonged sleep deprivation at rest and during maximal exercise*", 1983.
1. John P. Troup "*Critical aspects of swim performance*", 1980.

Ph.D. Students Supervised:

7. Greg Wells, "*Adaptation of the chemoreflex response to training*", 2004.
6. Heather Smith, "*Skeletal muscle damage and repair in the adult rat hindlimb following downhill treadmill exercise*", 1996.

5. Russ T. Hepple, "*Quantification of the capillary supply and cardiovascular response to maximal exercise in older men: a training study*", 1996.
4. Bart Guthrie, "*A study of skeletal muscle bioenergetics using ¹H and ³¹P magnetic resonance spectroscopy*", 1995.
3. Jeff L. Reading, "*Changes in cardiac function and skeletal muscle blood flow with endurance exercise training following coronary artery bypass surgery.*", 1994.
2. William M. Kuzon, "*Functional, morphometric, and metabolic characteristics of experimental free, vascularized canine gracilis muscle transfers*", 1990.
1. Jack M. Goodman, "*Central and peripheral adaptations to acute exercise in cardiovascular disease*", 1987

COMPREHENSIVE EXAMS, MSC & PHD THESIS DEFENCES & ORAL EXAMINATIONS

External Thesis Examiner:

- 2014 N. Askin, PhD, Department of Physiology, University of Toronto.
- 2010 L. Lee, MSc, Graduate Program in Exercise, University of Toronto.
- 2010 L. Banks, MSc, Graduate Program in Exercise, University of Toronto.
- 2008 R. Rupf, M. Sc., Graduate Department of Exercise Sciences, University of Toronto.
- 2004 D. Loundsbury, M.Sc., Graduate Department of Exercise Sciences, University of Toronto.
- 1999 B. Mercer, M.Sc., School of Graduate Studies, Laurentian University.
- 1992 G. Marsh, Ph.D., Faculty of Kinesiology, University of Western Ontario.
- 1991 J. McNie, Ph.D., Faculty of Veterinary Sciences, University of Guelph.
- 1990 D. Honeysett, MSc., Cumberland College of Health Sciences, Sydney University.
- 1989 B. Olmstead, M.Sc., Faculty of Physical Education, University of Western Ontario.

Internal Thesis Examiner (UT and Brock Senate Oral):

- 2001 B. Faught, Ph.D., Graduate Department of Exercise Sciences, University of Toronto.
- 1995 J. Bissonnette, Ph.D., Department of Nutrition, University of Toronto.
- 1993 G. McAvoy, Ph.D., Department of Physiology, University of Toronto.
- 1989 M. Nishio, Ph.D., Department of Physiology, University of Toronto.
- 1987 W. VanHelder, Ph.D., Department of Physiology, University of Toronto.

Thesis Examiner:

- 2017 G. Douvi, MSc, Faculty of Applied Health Sciences, Brock University.
G. McGarr, PhD, Faculty of Applied Health Sciences, Brock University.
Z. Lewis, MSc, Faculty of Applied Health Sciences, Brock University.
- 2014 L. Euiler, MSc, Faculty of Applied Health Sciences, Brock University.
- 2013 C. Russell, MSc, Faculty of Applied Health Sciences, Brock University.
J. Choptiany, MSc, Faculty of Applied Health Sciences, Brock University.
- 2012 A. McKenzie, MSc, Faculty of Applied Health Sciences, Brock University.
- 2011 J. Torti, MA, Faculty of Applied Health Sciences, Brock University.
- 2010 G. Hartley, MSc, Faculty of Applied Health Sciences, Brock University.
B. Batey, MSc, Faculty of Applied Health Sciences, Brock University.
P. Gregson, MA, Faculty of Applied Health Sciences, Brock University.
- 2009 K. Sheehan, MSc, Faculty of Applied Health Sciences, Brock University.
- 2008 S. Persaud, MSc, Graduate Department of Exercise Sciences, University of Toronto.
S. Lennard, MSc, Faculty of Applied Health Sciences, Brock University.
- 2007 A. Winchester, MSc, Faculty of Applied Health Sciences, Brock University.
- 2006 M. Kadyan, MSc, Faculty of Applied Health Sciences, Brock University.

- R. Goswami, MSc, Faculty of Applied Health Sciences, Brock University.
- 2005 N. Peralta, MSc, Faculty of Applied Health Sciences, Brock University.
- 2004 D. Morris, MA, Faculty of Applied Health Sciences, Brock University.
K. Bigrigg, MSc, Faculty of Applied Health Sciences, Brock University.
- 2003 K. Johnson, MA, Faculty of Applied Health Sciences, Brock University.
C. Celotti, MSc, Department of Exercise Sciences, University of Toronto.
G. Wells, PhD, Departmental and Senate, Department of Exercise Sciences, University of Toronto.
T. Taha, PhD, Departmental and Senate, Department of Exercise Sciences, University of Toronto.
- 2002 M. Cunliffe, MSc, Faculty of Applied Health Sciences, Brock University.
T. VanHelder, PhD, Departmental & Senate, Department of Exercise Sciences, University of Toronto.
- 2001 J. Sandison, MSc, Department of Exercise Sciences, University of Toronto.
P. Safai, MSc, Department of Exercise Sciences, University of Toronto.
- 2000 H. Bell, MSc, Department of Physiology, University of Toronto.
H. Pasternak, MSc, Department of Exercise Sciences, University of Toronto.
A. Roberts, MSc, Department of Exercise Sciences, University of Toronto.
V. Speers, MSc, Department of Exercise Sciences, University of Toronto.
- 1999 D. Homonko, PhD Senate., Institute of Medical Sciences, University of Toronto.
D. Brajkovic, PhD Departmental, Department of Exercise Sciences, University of Toronto
G. Wells, MSc, Department of Exercise Sciences, University of Toronto.
B. Cayen, MSc, Department of Exercise Sciences, University of Toronto.
S. Deonarain, MSc, Department of Exercise Sciences, University of Toronto.
A. Moldoveneau, MSc, Department of Exercise Sciences, University of Toronto.
M. Colapinto, MSc, Department of Exercise Sciences, University of Toronto.
- 1998 D. Homonko, PhD., Departmental and Senate, Institute of Medical Science, University of Toronto.
B. Wallen, MSc., Department of Physiology, University of Toronto.
S. Rhind, PhD, Departmental and Senate, Department of Community Health, University of Toronto.
S. Shore, PhD, Senate, Department of Community Health, University of Toronto.
M. Walker, MSc., Department of Community Health, University of Toronto.
A. Engel, MSc., Department of Community Health, University of Toronto.
R. Mertens, MSc., Department of Community Health, University of Toronto.
- 1997 R. Maliba, MSc., Department of Community Health, University of Toronto.
S. Cheung, PhD., Departmental & Senate, Department of Community Health, University of Toronto.
P. Vasilou, MSc., Department of Physiology, University of Toronto.
- 1996 S. MacKinnon, MSc., Department of Community Health, University of Toronto.
A. Kovacs, MSc., Department of Community Health, University of Toronto.
M. Lajoie, MSc., Department of Community Health, University of Toronto.
M. Cross, PhD., Departmental and Senate, Department of Community Health, University of Toronto.
R. Hepple, PhD., Departmental and Senate, Department of Physiology, University of Toronto.
H. Smith, PhD., Departmental and Senate, Department of Community Health, University of Toronto.
T. D'Urzo, MSc., Department of Community Health, University of Toronto.
B. Bain, PhD., Departmental and Senate, Department of Community Health, University of Toronto
T. Babits, MSc., Department of Community Health, University of Toronto.
I. Brenner, PhD., Senate, Department of Community Health, University of Toronto.
V. Gil, PhD., Department of Community Health, University of Toronto.
G. Koutsoukos, MSc., Institute of Medical Sciences, University of Toronto.
- 1995 R. Kaprielian, MSc., Department of Community Health, University of Toronto.

- M. Walsh, MSc, Department of Community Health, University of Toronto.
D. Hutchison, MSc., Department of Community Health, University of Toronto.
B. Guthrie, PhD., Departmental and Senate, Department of Community Health, University of Toronto.
C. Carlisle, MSc., Institute of Medical Sciences, University of Toronto.
S. Makhamra, MSc., Department of Community Health, University of Toronto.
M. Dunning, MSc., Department of Community Health, University of Toronto.
D. Brajkovic, MSc., Department of Community Health, University of Toronto.
S. Bleue, MSc., Department of Community Health, University of Toronto.
- 1994 J. Bissonnette, Ph.D., Department of Nutrition, University of Toronto.
D. McCracken, Ph.D., Department of Physiology, University of Toronto.
R. Evans, M.Sc., Department of Community Health, University of Toronto.
D. Pallandi, M.Sc., Department of Community Health, University of Toronto.
R. Turnbull, Ph.D., Departmental and Senate, Department of Community Health, University of Toronto.
- 1993 S. McConnell, M.Sc., Department of Community Health, University of Toronto.
T. Axcell, M.Sc., Department of Community Health, University of Toronto.
D. Awerbuck, M.Sc., Department of Community Health, University of Toronto.
M. Tremblay, Ph.D., Departmental & Senate, Department of Community Health, University of Toronto.
J. Reading, Ph.D., Departmental & Senate, Department of Community Health, University of Toronto.
- 1992 R. Hepple, M.Sc., Department of Physiology, University of Toronto.
J. Banner, Ph.D., Department of Community Health, University of Toronto.
E. Aimone, M.Sc., Department of Community Health, University of Toronto.
J.J. Hartley, M.Sc., Department of Physiology, University of Toronto.
G. McAvoy, Ph.D., Department of Physiology, University of Toronto.
- 1991 L. Noreau, Ph.D., Department of Community Health, University of Toronto.
M. Cross, M.Sc., Department of Community Health, University of Toronto.
J. Walker, M.Sc., Department of Community Health, University of Toronto.
B. Rubin, Ph.D., Departmental and Senate, Institute of Medical Sciences, University of Toronto.
- 1990 S. Clouse-Jensen, M.Sc., Department of Community Health, University of Toronto.
J. Reading, M.Sc., Department of Community Health, University of Toronto.
M. Paterson, M.Sc., Department of Physiology, University of Toronto.
K. Loundon, M.Sc., Department of Physiology, University of Toronto.
E. Strohm, M.Sc., Department of Community Health, University of Toronto.
J. Wells-O'Rourke, M.Sc., Department of Community Health, University of Toronto.
- 1989 M. Porter, M.Sc., Department of Community Health, University of Toronto.
I. Weller, M.Sc., Department of Community Health, University of Toronto.
J. Laviolette, M.Sc., Department of Community Health, University of Toronto.
J. Eng, M.Sc., Department of Community Health, University of Toronto.
R. Jeyanjaran, Ph.D., Departmental and Senate, Department of Physiology, University of Toronto.
P. Nkansah, M.Sc., Department of Community Health, University of Toronto.
J. Fish, M.Sc., Department of Community Health, University of Toronto.
L. Martineau, Ph.D., Departmental & Senate, Department of Community Health, University of Toronto.
W.M. Kuzon, Ph.D., Department of Community Health, University of Toronto.
T. Verde, Ph.D., Department of Community Health, University of Toronto.
P. Shannon, M.Sc., Department of Community Health, University of Toronto.
- 1988 M. Tremblay, M.Sc., Department of Community Health, University of Toronto.
- 1987 T. VanHelder, M.Sc., Department of Community Health, University of Toronto.

- S. Sutherland, M.Sc., Department of Community Health, University of Toronto.
 D. Rosenblatt, M.Sc., Department of Community Health, University of Toronto.
 J.M. Goodman, Ph.D., Departmental & Senate, Department of Community Health, University of Toronto.
 K. Ball, M.Sc., Department of Community Health, University of Toronto.
 B.R. Pynn, M.Sc., Department of Community Health, University of Toronto.
- 1986 T. Jacobs, Ph.D., Departmental and Senate, Department of Physiology, University of Toronto.
 P. Leatt, M.Sc., Department of Community Health, University of Toronto.
 L. Allen, M.Sc., Department of Community Health, University of Toronto.
 W. VanHelder, Ph.D., Department of Physiology, University of Toronto.
 H. Hattin, M.Sc., Department of Community Health, University of Toronto.
- 1985 G.M. Davis, Ph.D., Departmental & Senate, Department of Community Health, University of Toronto.
 S. Murray, M.Sc., Department of Community Health, University of Toronto.
 P. Longmuir, M.Sc., Department of Community Health, University of Toronto.
 H. Clark, Ph.D., Institute Medical Sciences, University of Toronto.
 T. Brown, M.Sc., Department of Physiology, University of Toronto.
 T. Abramavicius, M.Sc., Department of Community Health, University of Toronto.
- 1984 M. Nishio, M.Sc., Department of Community Health, University of Toronto.
 W. M. Kuzon, M.Sc., Institute Medical Sciences, University of Toronto.
 A.F. Dale, M.Sc., Department of Community Health, University of Toronto.
 M. Lee, MSc., Department of Community Health, University of Toronto.
- 1983 J.M. Goodman, M.Sc., Department of Community Health, University of Toronto.
 L.E.M. Hart, M.Sc., Department of Community Health, University of Toronto.

Ph.D. Comprehensive Examiner (Written and Oral):

- 2010 G. McGarr, Ph.D., Graduate Program, Applied Health Sciences, Brock University.
 2001 G. Wells, Ph.D., Graduate Department of Exercise Science, University of Toronto.
 T. Taha, Ph.D., Graduate Department of Exercise Science, University of Toronto.
- 1997 D. Brajkovic, Ph.D., Department of Community Health, University of Toronto.
 1995 M. Cross, Ph.D., Department of Community Health, University of Toronto.
 S. Cheung, Ph.D., Department of Community Health, University of Toronto.
- 1994 H. Smith, Ph.D., Department of Community Health, University of Toronto.
 1993 B. Guthrie, Ph.D., Department of Community Health, University of Toronto.
 1992 R. Turnbull, Ph.D., Department of Community Health, University of Toronto.
 1990 J. Reading, Ph.D., Department of Community Health, University of Toronto.
 B. Bain, Ph.D., Department of Community Health, University of Toronto.
- 1988 T. VanHelder, Ph.D., Department of Community Health, University of Toronto.
 1986 S. Murray, Ph.D., Department of Community Health, University of Toronto.
 A.F. Dale, Ph.D., Department of Community Health, University of Toronto.
 W.M. Kuzon, Ph.D., Department of Community Health, University of Toronto.
- 1985 J.M. Goodman, Ph.D., Department of Community Health, University of Toronto.
 1984 L. McKay, Ph.D., Department of Community Health, University of Toronto.

COURSES / SECTIONS OF COURSES TAUGHT

Graduate, Brock University

- 2010-11 Philosophical & Methodological Issues in Applied Health Sciences Research (13h, one term)
 PhD Seminar in Applied Health Sciences (26 hours, two terms)
- 2009-10 Philosophical & Methodological Issues in Applied Health Sciences Research (13h, one term)
 Research in the fields of Kinesiology and Physical Education and Health (26 hours, one term)
 PhD Seminar in Applied Health Sciences (26 hours, two terms)

- 2008-09 Philosophical & Methodological Issues in Applied Health Sciences Research (13h, one term)
Research in the field of Kinesiology (26 hours, one term)
- 2007-08 Philosophical & Methodological Issues in Applied Health Sciences Research (52h, one term)
- 2006-07 Philosophical & Methodological Issues in Applied Health Sciences Research (52h, one term)
- 2005-06 Philosophical & Methodological Issues in Applied Health Sciences Research (52h, one term)
- 2004-05 Philosophical & Methodological Issues in Applied Health Sciences Research (39h, one term)
- 2003-04 Philosophical & Methodological Issues in Applied Health Sciences Research (39h, one term)
- 2002-03 Philosophical & Methodological Issues in Applied Health Sciences Research (39h, one term)
- 2001-02 Philosophical & Methodological Issues in Applied Health Sciences Research (36h, one term)
MA Graduate Student Seminar (36h, one term)

Graduate, University of Toronto

- 2001-02 Adaptations to Habitual Activity (26h, one term)
- 2000-01 Adaptations to Habitual Activity (26h, one term)
- 1999-00 Adaptations to Habitual Activity (26h, one term)
- 1998-99 Adaptations to Habitual Activity (26h, one term)
- 1997-98 Adaptations to Habitual Activity (26h, one term)
- 1996-97 Adaptations to Habitual Activity (26h, one term)
- 1995-96 Applied Muscle Physiology (26h, one term)
Cardiovascular Adaptations to Exercise (26h, one term)
- 1994-95 Adaptations to Habitual Activity (26h, one term).
- 1992-93 Special Topics in Exercise Science Coordinator (52h, two terms)
- 1991-92 Special Topics in Exercise Science Coordinator (52h, two terms)
- 1990-91 Special Topics in Exercise Science Coordinator (52h, two terms)
- 1989-90 Cardiorespiratory Adaptations to Exercise (26h, one term)
- 1988-89 Adaptations to Habitual Activity (26h, one term)
- 1987-88 Cardiorespiratory Adaptations to Exercise (26h, one term)
- 1985-86 Special Topics in Exercise Science Coordinator (26h, one term)
- 1984-85 Cardiorespiratory Adaptations to Exercise (26h, one term)
- 1983-84 Adaptations to Habitual Exercise (26h, one term)
- 1982-83 Cardiorespiratory Adaptations to Exercise (26h, one term)
Adaptations to Habitual Exercise (26h, one term)
Special Topics in Exercise Science Coordinator (52h, one term)

Undergraduate

- 1999-00 Physiology & Biochemistry of Physical Activity and Health (23h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
- 1998-99 Physiology & Biochemistry of Physical Activity and Health (23h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
- 1997-98 Physiology & Biochemistry of Physical Activity and Health (23h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
- 1996-97 Physiology & Biochemistry of Physical Activity and Health (22h, one term)
Introduction to Coaching (2h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
- 1995-96 Physiology & Biochemistry of Physical Activity and Health (14h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)

- 1994-95 Physiology & Biochemistry of Physical Activity and Health (21h, one term)
Human Physiology - Blood Section (6h, one term)
- 1992-93 Physiology & Biochemistry of Physical Activity & Health (21h one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (11h, one term)
- 1991-92 Physiology & Biochemistry of Physical Activity & Health (21h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
- 1990-91 Physiology & Biochemistry of Physical Activity & Health (19h, two terms)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
- 1989-90 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Laboratory Techniques of Fitness Appraisal (39h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
- 1988-89 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Laboratory Techniques of Fitness Appraisal (39h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Introduction to the Biophysical Sciences (15h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
- 1987-88 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Laboratory Techniques of Fitness Appraisal (39h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
- 1985-86 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Laboratory Techniques of Fitness Appraisal (39h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
Exercise Testing and Prescription (6h, one term, DAR)
- 1984-85 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Laboratory Techniques of Fitness Appraisal (39h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
Coaching of Swimming - Physiological Evaluation (2h, one term)
Exercise Testing and Prescription (6h, one term, DAR)
- 1983-84 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Laboratory Techniques of Fitness Appraisal (39h, one term)
Training & Conditioning for Physical Activity & Health (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
Exercise Testing and Prescription (6h, one term, DAR)
- 1982-83 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Physical Activity & Aging (39h, one term)
Special Topics in Exercise Physiology (52h, two terms)
Laboratory Techniques of Physical Fitness Appraisal (39h, one term)
Human Physiology - Cardiovascular Section (12h, one term)
- 1981-82 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)
Physical Activity & Aging (39h, one term)
Special Topics in Exercise Physiology (52h, two terms)
Exercise Testing and Prescription (6h, one term, DAR)
- 1980-81 Theory of Physical Fitness Appraisal & Exercise Prescription (39h, one term)

1979-80 Human Physiology (39h, one term)
Exercise Physiology (39h, one term)

External non-University Courses Given

2010-11 Level IV, National Coaching Institute of Ontario (12h), Task 5 – Environmental Physiology
2009-10 Level IV, National Coaching Institute of Ontario (15h), Task 5 – Environmental Physiology
2008-09 Level IV, National Coaching Institute of Ontario (15h), Task 5 – Environmental Physiology
2007-08 Level IV, National Coaching Institute of Ontario (15h), Task 5 – Environmental Physiology
2006-07 Level IV, National Coaching Institute of Ontario (15h), Task 5 – Environmental Physiology
2006-07 Level IV, National Coaching Institute of Ontario (15h), Task 5 – Environmental Physiology
2005-06 Level IV, National Coaching Institute of Ontario (30h), Task 1 – Energy Systems and Training
2004-05 Level IV, National Coaching Institute of Ontario (30h), Task 1 – Energy Systems and Training
2003-04 Level IV, National Coaching Institute of Ontario (30h), Task 1 – Energy Systems and Training
2002-03 Level IV, National Coaching Institute of Ontario (30h), Task 1 – Energy Systems and Training
2001-02 Level IV, National Coaching Institute of Ontario (30h), Task 1 – Energy Systems and Training
2000-01 Level IV, National Coaching Institute of Ontario (34h), Task 1 – Energy Systems and Training
1999-00 Level IV, National Coaching Institute of Ontario (30h), Task 1 – Energy Systems and Training
1990-91 Level III Theory, Coaching Association of Canada, University of Toronto (21h)
1989-90 Level III Theory, Coaching Association of Canada, Sheridan College (21h)
1987-88 Level III Theory, Coaching Association of Canada, McMaster University (21h)
1986-87 Level III Theory, Coaching Association of Canada, Sheridan College (21h)
1985-86 Level III Theory, Coaching Association of Canada, Sheridan College (21h)
1984-85 Level III Theory, Coaching Association of Canada, York University (21h)
1983-84 Level III Theory, Coaching Association of Canada, York University (21h)
Level IV Technical - Swimming, Canadian Amateur Swimming Association, Toronto (26h)
Level III Theory, Coaching Association of Canada, Sheridan College (21h)
1982-83 Level III Technical - Swimming, Canadian Amateur Swimming Association, Laurentian University, (8h)
Level III Theory, Coaching Association of Canada, Sheridan College (21h)
Level III Theory, Coaching Association of Canada, University of Guelph (21h)
1981-82 Level III Theory, Coaching Association of Canada, Sheridan College (21h)

ADMINISTRATIVE EXPERIENCE AND COMMITTEE INVOLVEMENT

(Note: some items may appear more than once as they cross categories)

Administrative Experience, Brock University and University of Toronto

2011-16 Dean, Faculty of Graduate Studies, Brock University
2001-11 Associate Dean, Faculty of Applied Health Sciences, Brock University
2002-03 Acting Dean, Faculty of Applied Health Sciences, Brock University (June – November, 2002)
1998-02 Associate Dean, Graduate Education & Research, Faculty of Physical Education & Health
1998-00 Program Director, Graduate Program in Exercise Sciences, Grad. Dept. of Community Health
1990-95 Program Director, Graduate Program in Exercise Sciences, Grad. Dept. of Community Health
1983-86 Director, Centre for Athlete Research, School of Physical & Health Education

Professional Service to the Field

2015-17 OCGS - COU - MTCU Graduate Student Outcomes Survey Committee
2010-12 Technical Committee, High Performance Centre, Pan Am Games, Welland, Ontario
2010-12 Vice-President, Research, Canadian Society for Exercise Physiology
2008-09 OCGS Consultant, MSc Graduate Program, Faculty of Health Sciences, University of Ontario Institute of Technology
2005-06 OCGS Consultant, MSc Graduate Program, Department of Kinesiology, Wilfred Laurier University
1994-95 President, Sports Medicine & Science Council of Canada

- 1993-94 President-Elect, Sports Medicine & Science Council of Canada
- 1992-93 Vice-President, Sports Medicine & Science Council of Canada
- 1990-92 Chair, Constitution & Bylaws Committee, Sports Medicine Council of Canada
- 1990-92 Chair, Medical Team Selection Committee, Sports Medicine Council of Canada
- 1990-91 Past-President, Canadian Association of Sport Science (now Canadian Society for Exercise Physiology)
- 1989-90 President, Canadian Association of Sport Science (now Canadian Society for Exercise Physiology)
- 1988-99 President-Elect, Canadian Association of Sport Science (now Canadian Society for Exercise Physiology)
- 1983-86 Newsletter Editor, Canadian Association of Sport Science (now Canadian Society for Exercise Physiology)

Brock University Committees

- 2015-16 Member, Brock Policy Negotiation Committee
- 2015-16 Member, Brock International Review Committee
- 2015-16 Member, Associate Deans' Promotion Committee
- 2014-16 Brock Strategic Enrolment Management Committee
- 2014-16 Member, Brock Spring-Summer Review Committee
- 2014-16 Member, Brock University Committee on Space
- 2014-15 Member, Brock University Faculty Association Bargaining Committee (Administrative side)
- 2012-15 Member, Brock Niagara Health & Bioscience Research Complex (Cairn's Complex) Steering Committee
- 2012-13 Member, CUPE 4207 Unit 1 Bargaining Committee (Administrative side)
- 2012-16 Co-Chair, Brock United Way Campaign
- 2012-13 Member, ITS Steering Committee
- 2012-13 Member, Accountability & Compliance Engagement Advisory Committee
- 2012-13 Member, Search Committee, Director, Institutional Analysis
- 2012-16 Member, Brock IDeA Review Panel
- 2011-16 Member, Mental Health Management Advisory Committee
- 2011-16 Member, Senate Committee for Teaching and Learning
- 2011-16 Member, Internationalization Committee
- 2011-16 Member, Committee Academic Deans
- 2011-16 Member, Council of Academic Administrators
- 2011-16 Chair, Graduate Council
- 2011-16 Chair, Associate Deans for Graduate Studies Committee
- 2011-16 Member, Brock Academic Review Committee
- 2011-16 Member, Senate Committee for Graduate Studies
- 2011-16 Member, Senate Committee on Research & Scholarship
- 2011-16 Member, Senate Committee on Teaching & Learning Policy
- 2011-15 Member, Senior Advisory Committee
- 2011-12 Member, Institutional Analysis Task Force
- 2010-11 Member, Brock Biosafety Committee
- 2009-11 Member, Associate Deans Committee
- 2009-10 Member, Experience Works Adjudication Committee
- 2008-11 Associate Deans for Graduate Studies Committee
- 2008-12 Vice-Chair, Steering Committee, Niagara Health and Biosciences Research Building Project
- 2008-12 Member, Users Committee, Niagara Health and Biosciences Research Building
- 2008-11 Member, Senate Governance Committee
- 2008-16 Member, Brock Senate
- 2008-09 Member, Joint BUFA - Administration Committee on Roles of Graduate Program Directors
- 2008-09 Member, Information Technology Services Advisory Group
- 2008-09 Member, Search Committee, Director of the Office of Research Services
- 2007-10 Member, Associate Deans, Graduate Studies Committee
- 2007-10 Member, Associate Deans Committee
- 2006-07 Member, Brock University Research and International Advisory Board
- 2005-07 Member, Brock University Task Force on IT Strategic Plan

2004-07 Member, Academic and Student Risk Management Committee
2002-03 Vice-Chair, Senate Research Ethics Board
2001-02 Vice-Chair, Senate Budget Committee
2001-03 Member, Brock Senate

Faculty of Applied Health Sciences Committees

2010-11 Member, Brock Wellness Commons Working Group
2002-11 Member, Executive Committee
2002-11 Chair, Laboratory, Equipment and Technical Services Committee
2002-11 Chair, Graduate Committee

Graduate Studies Committees (at Brock University and University of Toronto)

2016-18 Member, FGS Mapping New Knowledges Organizing Committee
2014-16 Member, FGS VITAE Partners Committee
2014-16 Member, FGS VITAE Advisory Council
2012-13 Chair, Search Committee, GradPlus Co-ordinator
2011-16 Member, Faculty of Graduate Studies Recruitment & Marketing Committee
2011-16 Member, Senate Committee for Graduate Studies Scholarship Adjudication Sub-committee
2011-16 Member, Graduate Students' Professional Skills Council
2011-16 Chair, Mapping New Knowledges Mentorship Award Adjudication Committee
2011-16 Chair, Mapping New Knowledges Organizing Committee
2011-16 Chair, Graduate Council
2011-16 Chair, Associate Deans for Graduate Studies Committee
2011-16 Chair, FGS Student Awards and Donor Recognition Reception Committee
2011-16 Chair, External Scholarships & Awards Committees (CGS, OGS, Trillium, Trudeau)
2011-16 Member, Senate Graduate Studies Committee
2011-16 Member, SGSC Awards Sub-Committee
2011-16 Member, FGS Bursary Committee
2011-16 Member, Faculty of Graduate Studies Bursary Committee
2009-11 Member, Graduate Studies Electronic Thesis Working Group (Gail Pepper, Chair)
2009-10 Member, CIHR, OGS Graduate Student Fellowship Adjudication Committees
2008-11 Associate Deans for Graduate Studies Committee
2007-08 Member, Brock University CGPSS Survey Working Group
2006-09 Member, Graduate Studies External Scholarships Vetting Committee
2005-11 Member, Steering Committee, Mapping New Knowledges Graduate Student Research Conference
2005-07 Member, Graduate Studies Working Group on Theses / Dissertations and Examinations
2005-06 Member, Graduate Studies Working Group on Response to the Consultant's Report on Graduate Studies at Brock University: Moving Forward
2005-06 Member, Graduate Studies Working Group on International Student Experience
2004-05 Member, Graduate Studies Working Group on International Students, Graduate Studies
2002-10 Member, Graduate Studies Council, Brock University
2002-09 Member, SSHRC, NSERC, CIHR, OGSST Graduate Student Fellowship Adjudication Committees
2002-10 Chair, Graduate Committee, Faculty of Applied Health Sciences
2001-02 Member, Cardiovascular Collaborative Program Task Force
1998-02 Chair, Graduate Committee, Graduate Department of Exercise Sciences, Faculty of Physical Education and Health
1998-02 Member, Executive Committee, Division IV, School of Graduate Studies
1998-00 Member, Program Directors' Committee, Graduate Department of Community Health
1998-00 Member, Examinations Committee, Graduate Department of Community Health
1998-00 Member, Curriculum Committee, Graduate Department of Community Health
1996-98 Chair, Graduate Advisory Committee, Graduate Program in Exercise Science

- 1995-96 Member, Graduate Admissions Policy Committee, Graduate Program in Exercise Science, School of Physical & Health Education
- 1995-97 Appeals Committee, Graduate Department of Community Health
- 1991-95 Member, Curriculum Committee, Graduate Department of Community Health
- 1991-92 Member, Associate Dean's Advisory Committee on selecting the Chair for Graduate Studies, Graduate Department of Community Health
- 1981-01 Member, Council, Graduate Department of Community Health

Research Committees, Brock University

- 2014-15 Member, CRC Advisory Committee
- 2013-14 Member, CFI Adjudication Committee
- 2013-14 Member, Chancellor's Research Chairs Adjudication Committee
- 2012-16 Member, Deans' Research Council
- 2011-12 Member, Brock Office of Research Services Chancellor's Chair Adjudication Committee
- 2011-16 Member, Senate Research & Scholarship Committee
- 2009-10 Moderator, Brock Office of Research Services CV Workshop
- 2009-10 Member, Steering Committee, Brock Research Cafés Fall and Spring
- 2008-11 CIHR University Delegate
- 2006-11 Member, MRI Post-doctoral Fellowship Adjudication Committee
- 2005-10 Member, Brock University Advancement Fund Adjudication Committee
- 2005-06 Member, Chancellor's Chairs Adjudication Committee
- 2003-04 Member, Search Committee, Assistant Director, Research Services
- 2003-04 Member, Research Ethics Board
- 2002-03 Vice-Chair, Research Ethics Board
- 2002-03 Vice-Chair, Senate Budget Committee
- 2002-10 Member, BSIG (Brock SSHRC Internal Grant) Adjudication Committee
- 2002-04 Member, CIHR Internal Grants Adjudication Committee
- 2002-05 USRA Summer Student Adjudication Committee

Health Science Faculties and University of Toronto Committees

- 2000-01 Member, University of Toronto-Toronto Hospitals Human Ethics Review Harmonization Committee
- 1999-00 Member, Health Sciences Tri-Council Human Ethics Review Committee
- 1998-00 Member, Health Sciences Research Advisory Committee
- 1998-00 Member, Principals, Deans, Academic Directors and Chairs Committee
- 1994-95 Member, SGS Review Committee - Collaborative Program in Cardiovascular Science
- 1994-95 Member, Committee of Health Science and Social Work Deans
- 1993-02 Member, Executive Committee, Cardiovascular Collaborative Program
- 1991-95 Member, University of Toronto Academic Board
- 1989-90 Member, Provostial Review Committee, School of Physical & Health Education
- 1987-92 Member, Council of the University of Toronto Faculty Association
- 1987-88 Member, Committee on the Administrative Relocation of the School of Physical & Health Education
- 1985-86 Member, Health Sciences Research Committee

Faculty of Physical Education & Health Committees, University of Toronto

- 1999-01 Member, Advisory Committee, Women's and Girls' Centre for Physical Activity and Health
- 1998-02 Member, Dean's Committee, Faculty of Physical Education and Health
- 1998-02 Member, Faculty Council, Faculty of Physical Education and Health

- 1998-02 Member, Managers Committee, Faculty of Physical Education and Health
- 1998-02 Chair, Graduate Committee, Faculty of Physical Education and Health
- 1998-02 Member, Curriculum Committee, Faculty of Physical Education and Health
- 1998-02 Member, PTR Committee, Faculty of Physical Education and Health

School of Physical & Health Education (PHE), Department of Athletics & Recreation (DAR) and other University of Toronto Committees

- 1995-01 Member, PTR Committee
- 1995-96 Member, Curriculum Committee, PHE
- 1994-95 Member, Search Committee, Executive Assistant to the Undergraduate Coordinator, PHE
- 1994-95 Member, Search Committee, Exercise Physiologist, PHE
- 1992-93 Member, PTR Committee
- 1992-93 Member, Search Committee, Exercise Physiologist, PHE
- 1992-93 Member, Search Committee, Sports Sociologist, PHE
- 1992-93 Member, Sports Medicine & Science Advisory Committee, DAR
- 1991-92 Member DAR Task Force on Sport Medicine & Science at the University of Toronto
- 1989-91 Member, Examinations Committee, PHE
- 1989-90 Member, Search Committee, Exercise Physiologist, Department of Physiotherapy
- 1989-90 Member, Search Committee, Biomechanist, PHE
- 1988-89 Member, Search Committee, Adapted Physical Educator, PHE
- 1988-90 Member, Fitness Committee, Department of Athletics & Recreation (DAR)
- 1987-89 Member, PHE Executive Committee
- 1987-89 Chair, Laboratory, Equipment & Space Allocation Committee, School of Physical & Health Education
- 1987-89 Chair, Curriculum Committee, School of Physical & Health Education
- 1984-85 Member, PHE Curriculum Renewal Committee
- 1983-91 Member, PHE Laboratory, Equipment & Space Allocation Committee
- 1981-89 Member, PHE Curriculum Committee
- 1981-83 PHE - DAR Inter-divisional Research Committee
- 1980-98 Member, Council of the School of Physical & Health Education (PHE)
- 1985-88 Chair, Advisory Committee, University of Toronto Centre for Athlete Research
- 1980-85 Member, Advisory Committee, University of Toronto Centre for Athlete Research

Extra-University Committees

- 2016-18 Member, Board of Directors, Canadian Society for Exercise Physiology
- 2015-16 Member, OCGS Graduate Student Outcomes Survey Committee
- 2013-15 Member, Executive Committee, Ontario Council of Graduate Studies
- 2012-14 Member, OCGS Working Group on Student - Supervisor Relationship
- 2011- 16 Member, Ontario Council of Graduate Studies
- 2012- Member, COU IDeA Innovative Designs for accessibility Working Group
- 2011- Member, Fitness & Health Promotion Advisory Committee, Community & Health Studies Division, Niagara College
- 2010-12 Vice-President, Research, Canadian Society for Exercise Physiology
- 2010-11 Member, Technical Committee, High Performance Centre, Pan Am Games, Welland, Ontario
- 1993-94 Member, Strategic Planning Committee, Sports Medicine & Science Council of Canada
- 1992-95 Member, Executive Committee, Sport Medicine Council of Canada
- 1992-96 Member, Board of Directors, National Organization of Sports Sciences Trust
- 1992-94 Member, Steering Committee for Science & Medicine Support Centres, Sport Canada

- 1991-94 Member, Awards Committee, Canadian Society for Exercise Physiology
- 1990- Member, Past-Presidents' Council, Canadian Society for Exercise Physiology
- 1990-92 Member, Research & Development Committee, Canadian Waterpolo Association
- 1989-92 Member, Review Committee, Graduate Student Fellowships Program, National Health Development Research Program (Committee 47)
- 1989-95 Member, Board of Directors, Sport Medicine Council of Canada
- 1988-89 Member, Review Committee, Ontario Ministry of Health Equipment Grants

Volunteer Coaching, Sport and Community Service Activity

- 2010-12 Technical Committee, High Performance Centre, Pan Am Games, Welland, Ontario
- 2007-08 Member, Etobicoke Olympium Renewal/Expansion Committee
- 1999-01 Member, Iroquois Ridge Pool and Recreation Facility Planning Committee, Oakville, Ontario.
- 1998-99 Assistant Coach, Oakville Twisters, (U14 Girls Rep Oakville Soccer Club), Oakville, Ontario
- 1997-98 Coach, OSC Fore Systems (U11 Boys Oakville Soccer Club), Oakville, Ontario.
- 1996-98 President, Oakville Aquatic Club
- 1996-97 Coach, OSC Jaguars (U10 Boys Oakville Soccer Club), Oakville, Ontario.
- 1995-96 Coach, OSC Appleby (U9 Boys Oakville Soccer Club), Oakville, Ontario.
- 1994-95 Member, Active Living Task Force, Department of Health, Region of Halton
- 1993-94 Coach, OSC Lions (U6 Boys/Girls Oakville Soccer Club), Oakville, Ontario.
- 1988-92 Course Conductor, Levels I - III Theory, Coaching Association of Canada
- 1985-90 Consultant, Program for Gifted Athletes, Earl Haig High School, North York
- 1984-86 Member, Research & Development Committee, Canadian Badminton Association
- 1983-85 Member, Research & Development Committee, Canadian Amateur Rowing Association
- 1982-90 Master Course Conductor Level III Theory, Coaching Association of Canada
- 1981-88 Member, Research & Development Committee, Swimming Canada
- 1979-80 Coach, Muncie Oceanus Swim Club (AAU Age Group Swim Team), Muncie, Indiana.
- 1978-79 Coach, St. Thomas Kickers (Women's Senior Soccer League), St. Thomas, Ontario.
- 1978-79 Coach, London Greys (Women's Senior A Volleyball League), London, Ontario.

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