

CURRICULUM VITAE
July, 2010

Name: Laurie Ruth Wishart (Swanson)

EDUCATION

- 1970 Diploma in Physical and Occupational Therapy (P. & O.T.)
University of Toronto
- 1984 Bachelor of Science, Physiotherapy (B.Sc.(PT))
University of Toronto
- 1987 Master of Science (M.Sc.)
Design, Measurement, and Evaluation
McMaster University
Thesis Title: A Proposed Randomized Controlled Trial of a Comprehensive Post Hospital
Stroke Rehabilitation Programme.
- 1994 Doctor of Philosophy (Ph.D.)
Medical Sciences
McMaster University
Thesis Title: Scheduling and Frequency of Knowledge of Results Presentations: Age-
Related Effects on Motor Learning.

Continuing Education

American Physical Therapy Association Section on Neurology Section on Pediatrics Foundation for
Physical Therapy, Inc. II Step Contemporary Management of Motor Control Problems July 6-13, 1990.

Workshop on Problem Based Learning in Small Groups, McMaster University, Oct. 5-6, 1992.

Workshop on the Role of the Tutor in Small Group Learning, McMaster University, Oct. 7-8, 1992.

Conference on the Acquisition of Skill: Implications of Research and Theory in Motor Learning for
Clinical and Educational Practice, Teachers College, Columbia University, New York, April 2-4, 1993.

Workshop on Proposed Changes to the World Health Organization, Impairment, Disability and Handicap
Model, University of Ottawa, September 30, 1995

Lecture Series on Learning. Norman, G, Eva K. Faculty of Health Sciences, McMaster University, Sept,06-
April,07.

Mentorship Series, McMaster University, Sept 07- April 08

HONOURS AND SCHOLARSHIPS

- 1970 The Canadian Association of Occupational Therapists, Sue MacLaren Memorial Award
- 1987-90 Recipient of Fellowship from the R. Samuel McLaughlin Centre for Gerontological Health Research
- 1992 Gerontological Interdisciplinary Education Award, Queen's University, Sanford J, Cooper B, Swanson LR, Ward M.
- 1992-93 Recipient of Fellowship from the Educational Centre for Aging and Health
- 1995-2002 Recipient of Ontario Ministry of Health, Career Scientist Award (Internal) stipend to Faculty of Health Sciences of \$58,187 per year.

CURRENT STATUS AT MCMASTER UNIVERSITY

- 2009-10 Research leave
- 2000 (July 1) Associate Professor (Tenured)
School of Rehabilitation Science (formerly the School of Occupational Therapy and Physiotherapy)
- 2003 (July 1)-
2008 (Oct) Assistant Dean, Physiotherapy program,
School of Rehabilitation Science
- 2002-2003 Research leave
- 1995- Associate Member
Department of Kinesiology

PROFESSIONAL ORGANIZATIONS

- 1970- 91 Licensed to practice, Ontario Board of Directors
- 1991- Licensed to practice, (Academic license 2008-) College of Physiotherapists of Ontario
- 1970- Member, Canadian Physiotherapy Association
- 1970- Member, Ontario Physiotherapy Association
- 1989- Member, Canadian Society for Psychomotor Learning and Sport Psychology
- 1990- Member, North American Society for the Psychology of Sport and Physical Activity
- 1995-98 Member, Canadian Society for the International Classification of Impairments, Disabilities and Handicaps
- 1999-04 Member, Gerontological Society of America
- 2009- International member, American Physical Therapy Association

EMPLOYMENT HISTORY

Academic

McMaster University, Hamilton, Ontario

- 1984-85 BHSc (OT/PT) Degree Completion Programme
Teaching Assistant
- 1986-87 School of Nursing, Bachelor of Health Science Programme
Tutor
- 1991-92 Bachelor of Health Sciences Programme
Sessional Instructor and Course Planner
- 1991-92 Bachelor of Health Sciences Programme
Sessional Instructor, Course Co-ordinator (Inquiry Seminar) and course evaluation developer (Clinical Skills Labs)
- 1992-93 School of Occupational Therapy and Physiotherapy
Assistant Professor (part time contract)
- 1993-94 School of Rehabilitation Science
Assistant Professor (full time contract)
- 1994-2000 School of Occupational Therapy and Physiotherapy
Assistant Professor (tenure track)
- 2000 (July1) School of Rehabilitation Science
Associate Professor (tenured)

Mohawk College, Hamilton, Ontario

- 1987-91 Physiotherapy Programme
Teaching Associate
- Clinical**
- 1970-71 **Staff Physiotherapist and Occupational Therapist**
Outpatients and Rehabilitation Unit
Victoria Hospital, London, Ontario
- 1971-72 **Staff Physiotherapist**
Stroke Rehabilitation Unit
Glenrose Rehabilitation Hospital, Edmonton, Alberta

1973-77 **Staff Physiotherapist (part-time)**
Neurology and orthopedics
730 Brant Physiotherapy, Burlington, Ontario

1980-82 **Staff Physiotherapist (part-time)**
Stroke Team,
Chedoke-McMaster Hospitals, Chedoke Division
Hamilton, Ontario

Clinical Research

1978-80 **Research Physiotherapist**
Chedoke Division of Chedoke-McMaster Hospitals on funded grant- A Randomized Controlled Clinical Trial-EMG Feedback Compared with Exercise Physiotherapy in Upper Limb Stroke.

1982-84 **Research Physiotherapist**
Chedoke Division, Chedoke-McMaster Hospitals on funded grant- Integrated Behavioral and Physical Therapy in the Rehabilitation of the Post-Stroke Arm.

1990-91 **Research Physiotherapist**
Chedoke Division, Chedoke-McMaster Hospitals on funded grant- Stroke Rehabilitation: Validation of a Physical Impairment and Disability Measure.

CLINICAL/ RESEARCH CONSULTATION

1993- Physiotherapy and Occupational Therapy, St. Peter's Hospital, Hamilton, ON.
Re: clinical practice and application of motor learning principles

1995-6 Residential Elder Assessment Project (REAP), Kinesiology
Department, University of Waterloo, Waterloo, On.
re: research methodology

1995 Algoma District Health Council, Review a Rehabilitation Unit Proposal, Sault St. Marie,
ON
re: critical evaluation of proposed rehabilitation unit

1996 Canadian Physiotherapy Association, Gerontology Special Interest Group
re: specialization in Gerontological Physiotherapy

1998 Canadian Physiotherapy Association, Neuroscience Division
re: review draft of petition for specialization in neurological physiotherapy

2000 Accreditation Council of Canadian Physiotherapy Academic Programs
re: focus group re accreditation standards

2001 External Reviewer, Stroke Arm and Hand Clinical Practice Guideline (S. Barecca)

SCHOLARLY AND PROFESSIONAL ACTIVITIES

- 1971 Treasurer, London District, Canadian Physiotherapy Association
- 1988 Chair, Invited Speakers Presentation. 1st APTA/CPA Joint Congress, Las Vegas, Nevada, U.S.A.
- 1994-99 Chair, Subcommittee, Multiple Choice Question Development Committee, Alliance of Physiotherapy Regulatory Boards
- 1994-99 Committee member, National Committee, Multiple Choice Question Development Committee, Alliance of Physiotherapy Regulatory Boards
- 1995 Chair, Invited Speakers Session, Annual Meeting, Canadian Society for Psychomotor Learning and Sport Psychology, Vancouver, British Columbia
- 1996 Chair, Pre conference workshop entitled "Movement Adaptation to Neurological Impairment: Establishment of a New Order". Annual Meeting, North American Society for the Psychology of Sport and Physical Activity, Muskoka, ON
- 1996-98 Adjunct Faculty, Program of Movement Science, Allegheny University Health Sciences, Philadelphia, Pennsylvania.
- 1997 Review abstracts, American Association for Health, Physical Education, Recreation, and Dance, Annual Meeting, Reno, Nevada.
- 1999 Review abstracts, Annual Meeting, Ontario Physiotherapy Association, Hamilton, ON.
- 1999 Scientific Committee (Development). Annual Meeting, North American Society for the Psychology of Sport and Physical Activity, Clearwater Beach, FL.
- 2001 Chair, Review Subcommittee, Ontario Graduate Scholarship
- 2001 Review abstracts, International conference on Children with Developmental Coordination Disorder.
- 1998-2002 Investigator, Systems-linked Research Group (Health and Social Service Utilization)
- 2002 Review abstracts, 14th International Congress, World Confederation for Physical Therapy.
- 2003 Participant, Canadian Consensus Workshop on Geriatric Rehabilitation, Ottawa, ON, May 29-30.
- 2006 Reviewer, abstracts, 15th International Congress, World Confederation for Physical Therapy, Vancouver, BC.
- 2006 Invited participant, Integrating internationally educated Physiotherapists. Consensus Building Workshop. Canadian Alliance of Physiotherapy Regulators. November 30-December 1

- 2006 Invited participant, Evolving practice, Ontario Physiotherapy Policy Forum, College of Physiotherapists of Ontario, May 26
- 2007 Invited participant, Exploration of need for provincially coordinated system for clinical placements, Council of Ontario Universities, Colleges Ontario and Michener Institute, Toronto, Sept 17

Journal Referee

- 1992- Journal of Gerontology: Psychological Sciences
 1992- Research Quarterly for Exercise and Sport
 1994- Physiotherapy Canada
 1996-97 Canadian Journal of Rehabilitation
 2001- Journal of Motor Behavior
 2005- Stroke
 2008- Physical Therapy

External Grant Reviews

- 1990 Ontario Mental Health Foundation
 1992 Hamilton District of Ontario Physiotherapy Association
 1993 Canadian Fitness and Lifestyle Research Institute
 1994 Medical Research Council of Canada
 1995 Medical Research Council of Canada
 1995 Canadian Fitness and Lifestyle Research Institute
 1999 St. Peter's Hospital Foundation
 2000 Natural Sciences and Engineering Research Council of Canada
 2000 Social Science Research Council of Canada
 2000 Canadian Physiotherapy Foundation
 2000-01 Premier's Research Excellence Awards
 2002 Alberta Heritage Foundation for Medical Research
 2002 Canadian Institutes of Health Research
 2004 Natural Sciences and Engineering Research Council of Canada
 2005 Heart and Stroke of Ontario: Special Rehabilitation Competition (Review panel member)
 2006 Michael Smith Foundation for Health Research- Career Investigator
 2008 Canadian Institutes of Health Research
 2008 Heart and Stroke Foundation of Canada

AREAS OF INTEREST

Research

Motor learning and control in older adults. Development and evaluation of rehabilitation interventions focused on older adults and individuals with neurological impairments (stroke)

Education

Movement Science- Motor learning and control
Gerontological rehabilitation
Neurological rehabilitation- stroke
Interdisciplinary interventions
Critical appraisal- Evidence based practice

COURSES TAUGHT

Undergraduate

Mohawk College, Hamilton, Ontario

1987-91 **Teaching associate**
Diploma Programme in Physiotherapy, Neuroscience block

McMaster University

Bachelor of Health Science (Physiotherapy)

1984-85 **Teaching Assistant**
4C3 Neurosciences
4D3 Independent Study

Bachelor of Health Science (Nursing)

1986-87 **Tutor**
3A4 Critical Appraisal of Data

Master of Science (Health Research and Measurement)

2000 **Tutor** (1 session)
CHS-HRM 721 Bachelor of Health Science (Physiotherapy)

1991-92 **Course planner (Inquiry Seminars, Block 5, Neurology)**

1991-92 **Course and evaluation developer (Block 5, Neurology)**

1992-93 **Block planner (Block 5, Neurology)**

1992-94 **Course co-ordinator (Inquiry Seminars, Block 5, Neurology)**

- 1992-93 **Tutor-in-training (Tutorials, Block 5, Neurology)**
- 1993-97 **Unit Chair, (Unit 5, Neurology)**
- 1993-99 **Course co-ordinator (Problem-Based Tutorials, Unit 5, Neurology)**
- 1993-2000 **Tutor (Problem-Based Tutorials, Unit 5, Neurology)**
- 1993-95 **Course Co-ordinator (Inquiry Seminars, Unit 3, Musculo-Skeletal III)**
- 1993-94 **Assistant Course Co-ordinator (Clinical Skills, Unit 3, Musculoskeletal III)**
 1994-95 **Assistant Course Co-ordinator (Clinical Skills, Unit 5, Neurology)**
- 1994-95 **Tutor (Problem -Based Tutorials, Unit 3, Musculoskeletal III)**
- 1996-97 **Co-Chair (Unit 6, Subunit- Aging and Health)**
- 1997-98 **Tutor (Problem -Based Tutorials, Unit 3, Musculoskeletal III)**
- 1997-2001 **Chair (Unit 6, Subunit- Aging and Health)**
- 2000-2001 **Course Co-ordinator (Inquiry Seminars, Unit 5, Neurology)**
- 2001-2002 **Course Co-ordinator- 1 student (Inquiry Seminars, Unit 5, Neurology)**

Masters of Science (Physiotherapy)

- 2001 **Course Developer and Co-ordinator (Professional Issues, Unit 3, Introduction to Cardio-respirology and Neurology)**
- 2001 **Chair and unit developer, (Unit 4, Advanced Neurological Practice)**
- 2001 **Problem Based Tutorial Course Developer and Coordinator CHS 711(Unit 4, Advanced Neurological Practice)**
- 2002- **Problem Based Tutorial Course Coordinator and tutor PT711 (Unit 4, Advanced Neurological Practice)**
- 2009 **Chair and Problem Based Tutorial Coordinator, PT631 (Unit 3, Fundamentals of Cardiorespiratory and Neurological Practice)**

Masters of Science (Rehabilitation Science)

2001 **Course Co-coordinator (Development, evaluation, and utilization of theories in rehabilitation, MS 701)**

Education Curriculum Development

1993-7 re: development of the gerontology curriculum
1996-7 re: development of gerontology curriculum for the "Aging and Health" subunit (Unit 6)
1998-2001 re: development of Movement Science curriculum
1999- re: development of Masters of Clinical Health Science curriculum (related to neurology)
2001- re: development of Unit 3 Masters of Clinical Health Science neurological curriculum for Unit 3 including problems, clinical labs, assignments and examinations
2001-2 assisted with planning and implementation of Disability Awareness experience in Unit 1 and Unit 3, Masters of Clinical Health Science (with M. Tremblay)
2003- assisted with planning and implementation of Perspectives on Disability experience in Unit 1, Masters of Science (PT,OT) (with S. Moll)
2006-07 assisted with revision of Professional transition Course, Unit 6, Masters of Science (PT)
2006- member of Professionalization curriculum committee, Masters of Science (PT)
2006-07 member of Primary Care curriculum working group, Masters of Science (PT)
2007-08 assisted with revision of Unit 6 PBT course, Masters of Science (PT)

Invited Education Presentations (Bachelor of Health Science)

1992-93 Occupational Therapy, Block 3, Inquiry Seminars. "Theoretical Issues in Motor Learning - Clinical Implications". (with T.D. Lee)
1995-99 Physiotherapy, Unit 5, Inquiry Seminars. "Theoretical Issues in Motor Control- Clinical Implications".
1999 Physiotherapy, Unit 5, Inquiry Seminars. "Theoretical Issues in Motor Learning- Clinical Implications".
1999 Physiotherapy, Unit 3, Clinical Skills Lab. "Motor learning principles applied to training transfers"
1999 Occupation and Physiotherapy, Unit 1, Inquiry Seminars. "Working together in Health Care." (with S. Wilkins)
2000-01 Physiotherapy, Unit 5, Clinical Skills Lab. "Task-oriented approach applied to stroke rehabilitation".

Invited Education Presentations (Masters of Science)

2000-01 Occupation and Physiotherapy, Unit 1, Professional Issues. "Working together in Health Care." (with S. Wilkins)
2000 Physiotherapy, Unit 1, Professional Issues. "Functional Movement Analysis" (with J. Wessel & M. Pierrynowski).
2002 Physiotherapy, Unit 3, Professional Issues. "Nagi Model, Decision Making Models and Prognosis" (with L. Coman)
2002 Physiotherapy, Unit 3, Professional Issues. "Motor Control and Learning" (with V. Galea)

Invited Education Seminars (Masters of Science-Rehabilitation Science)

2001	701 (Analysis and Rehabilitation of Functional Movement). Motor control theories- application to rehabilitation.
2001	701 (Analysis and Rehabilitation of Functional Movement). Motor learning principles- application to rehabilitation. (with Tal Jarus)
2002	701 (Analysis and Rehabilitation of Functional Movement) Motor learning principles- application to rehabilitation.
2005-	700 Development, evaluation and utilization of theories in rehabilitation. Use of models to inform practice

SUPERVISORSHIPS

Undergraduate

McMaster University

1992	Bachelor of Health Science (Physiotherapy) Independent Study, Unit- 2 students
1994	Bachelor of Health Science (Physiotherapy) Remediation Process- 1 student
1994	Bachelor of Health Science (Physiotherapy) Independent Study, Unit 6- 2 students
1995	Bachelor of Health Science (Physiotherapy) Independent Study, Unit 6- 2 students
1995-96	Bachelor of Health Science (Physiotherapy) Remediation Process- 1 student
1995-96	Bachelor of Arts (Gerontology) Fourth Year Independent Study- 1 student
	Bachelor of Health Science (Physiotherapy) Independent Study, Unit 6- 4 students
1996-97	Bachelor of Health Science (Physiotherapy) Independent Study, Unit 6- 7 students
1997-98	Bachelor of Health Science (Physiotherapy) Independent Study, Unit 6- 3 students
1998-99	Bachelor of Health Science (Physiotherapy) Independent Study, Unit 6- 3 students

2005-06 Bachelor of Health Science
Fourth Year Thesis Supervisor
Stephanie Bishop

Graduate

McMaster University

1992 Master of Science (Human Biodynamics)
Independent study- 1 student

1994 Master of Science (Human Biodynamics)
Independent study- 1 student

1994 **Committee Member**
MSc (Human Biodynamics)
Lydia Vamos
Thesis Title: Strength training and postural control in older adults
Completed

1995 **Co-supervisor**
MSc (Human Biodynamics), McMaster University
Sheri Cunningham
Thesis title: The effects of aging on learning a bimanual coordination task
Completed

1996-97 **Supervisor**
MSc (Human Biodynamics), McMaster University
Jason Murdoch
Incomplete- admitted to Medical school

1998-2000 **Supervisor**
MSc (Human Biodynamics), McMaster University
Quincy Almeida
Thesis title: The influence of automatic movement patterns and attention in individuals with Parkinson's Disease.
Completed March 2000

2000-02 **Supervisor**
MSc (Human Biodynamics), McMaster University
Jennifer Salter
Thesis title: The perceptual versus motoric basis of bimanual coordination in young adults and individuals with Parkinson's disease
Completed November 2002

2000-02 **Committee Member**
MCHS (Rehabilitation Science), McMaster University
Gregory Spadoni
Thesis title: The development and validation of a new pain intensity measure
Completed November 2002

- 2001- **Supervisor**
MCHS (Rehabilitation Science), McMaster University
Joan Shaw
Thesis Title: The effect of task instructions in supervised activity practice on upper extremity recovery after acute stroke.
Graduated June 2005
- 2002- **Committee member**
MCHS (Rehabilitation Science), part-time, McMaster University
Ruth Sirur
Thesis Title: The effect of a cognitive-behavioral intervention on adherence to prescribed practice by adults at least one year post-stroke
Graduated June 2008
- 2003- **Supervisor**
MSc (Rehabilitation Science) part-time, McMaster University
2007- transferred to the PhD (Rehabilitation Science) part-time January, 2007
Vince Depaul
Thesis Title: A Motor Learning based Walking Program versus Body Weight Supported Treadmill Training in Community Dwelling Adults within Six Months of Stroke Onset: A Randomized Controlled Trial.
- 2003- **Committee member**
MSc (Rehabilitation Science), McMaster University
Lisa Rivard
Thesis Title: Understanding teachers' perceptions of the motor difficulties of children with Developmental Coordination Disorder.
Graduated October 2005
- 2004- **Supervisor**
MSc (Rehabilitation Science) part-time, McMaster University
Jeremy Griffiths
Thesis Title: Optimal Challenge Point Training versus Standard Physiotherapy Training for Upper Limb Recovery in Stroke Survivors: A Randomized Controlled Pilot Trial
Completed December 2009
- 2004- **Cosupervisor** with Pat Miller
MSc (Physiotherapy), McMaster University
Research Project: Development of a model to inform Physiotherapy practice in neurology.
Natalie Grant & Wendy Hancock
- 2005 **Cosupervisor** with Julie Richardson
Msc (Physiotherapy), McMaster University
Research Project: Community reintegration post-stroke
Jenny Hogan, Bashir Versi, Jillian Giacinti

- 2005- **Committee member**
MSc (Rehabilitation Science), McMaster University
Danielle Levac
Thesis title: Intra-individual variability in recovery from pediatric acquired brain injury: relationship to functional outcomes at one year
Graduated June, 2007
- 2006- **Supervisor**
PhD (Rehabilitation Science), part-time McMaster University
Jackie Bosch
- 2006-08 **Supervisor- Summer ,2008-switched to online MSc (Rehabilitation Science)**
MSc (Rehabilitation Science), part-time, McMaster University
Lisa Brice
Thesis Title- Self management strategies to optimize function post-stroke
- 2007 **Cosupervisor** with Vince Depaul, Julie Moreland
MSc (Physiotherapy), McMaster University
Research Project: Measuring activity in older adult rehabilitation population
Laura Budgell, Laura Capobianco, Joe Haars, Leana Marchand, and Steven Mills
- 2007-08 **Supervisor (Sept 08 switched to committee member)**
PhD (Rehabilitation Science), McMaster University
Danielle Levac
Thesis title: Physiotherapy interventions for children and youth with acquired brain injury: can the use of motor learning principles in practice enhance functional outcomes?
- 2008- **Committee member**
PhD (Rehabilitation Science), McMaster University
Danielle Levac
Thesis title: Physiotherapy interventions for children and youth with acquired brain injury: can the use of motor learning principles in practice enhance functional outcomes?
- 2008 **Cosupervisor** with Danielle Levac (principle), Tim Lee
MSc (Physiotherapy), McMaster University
Research Project: Practice as a motor learning principle: A scoping review of the evidence for approaches targeting amount and specificity of practice in stroke rehabilitation.
Tina Bear, Megan Clouthier, Kristy Vaughan
- 2008 **Cosupervisor** with Vince Depaul (principle), Tim Lee
MSc (Physiotherapy), McMaster University
Research Project: Impact of focus of attention instruction on walking performance in individuals with and without a history of stroke
Ali Bramwell, Valerie Hart, Kaitlin Horne, Leanne Pappas, Lindsay Pleasance
- 2008 **Committee member**
PhD (Human Biodynamics), McMaster University
Eric Heiden

- 2009 **Committee member**
MSc (Human Biodynamics), McMaster University
Courtney Bridgewater
- 2009 **Committee member**
MSc, (Rehabilitation Science), McMaster University
Gaby Burgos- Martinez
- 2009 **Cosupervisor** with Vince Depaul (principle)
MSc (Physiotherapy), McMaster University
Research Project: Quantifying walking activity of patients residing on an inpatient stroke
unit using step activity monitors
Heather Burrige, Candice Kwok, Jessica Rossario, Christina Stogio
- 2009 **Cosupervisor** with Dr. Ramesh Balasubramaniam
MSc (Human Biodynamics), McMaster University
Kinga Eliaz

OTHER EDUCATIONAL ROLES

Graduate

McMaster University

- 1992 **External Project Reviewer**
MSc (Design, Measurement and Evaluation)
MS 733, Preparing Research Overviews
- 1992 **External Examiner**
MSc (Human Biodynamics)
HB 701, Inquiry and Research in Physical Activity
- 1994 **External Examiner**
MSc (Design, Measurement and Evaluation)
Thesis, Julie Moreland
- 1995 **External Examiner**
MSc Thesis (Human Biodynamics)
Thesis, Robert Fontaine
- 1995 **External Examiner**
MSc Thesis (Human Biodynamics)
Thesis, Katherine Hendrigan
- 1996 **External Examiner**
PhD (Psychology)
Thesis, Daniel Meegan

- 1997 **External Examiner**
MSc (Nursing)
Thesis, Catherine Goosen
- 1998 **External Examiner**
MSc (Human Biodynamics)
HB 701, Inquiry and Research in Physical Activity
- 1999 **External Examiner**
MSc Thesis (Human Biodynamics)
Thesis, David Veeneman
- 2000 **External Examiner**
MSc Thesis (Human Biodynamics)
Thesis, James Coull
- 2000 **Examiner**
PhD Comprehensives (Human Biodynamics)
Timothy Welsh
- 2001 **Examiner**
PhD 1st Comprehensive (Human Biodynamics)
Jae Patterson
- 2002 **Examiner**
PhD 3rd Comprehensive (Human Biodynamics)
Jae Patterson
- 2003 **External Examiner**
PhD Thesis- Clinical Health Science- Nursing
Maureen Markle-Reid
- 2004 **External Examiner**
PhD Thesis- Clinical Health Science- Nursing
Susan VanDeVelde-Coke
- 2005 **Examiner**
PhD 2nd Comprehensive (Human Biodynamics)
Nick Medic
- 2006 **Examiner**
PhD 2nd Comprehensive (Human Biodynamics)
Cheryl Glazbrook
- 2007 **Examiner**
PhD 2nd Comprehensive (Human Biodynamics)
Kate Keetch
- 2008 **External Examiner**
Masters thesis Rehabilitation Science
Sanga Dorji

Other Universities

- 1995 **External Examiner**
MSc (Rehabilitation), University of Western Ontario, London, ON.

- Thesis, Judith Gendron
- 1997 **External Examiner**
MSc (Education), Brock University, St. Catherines, ON.
Thesis, Michelle Shilton
- 2000 **External Reviewer**
PhD (Rehabilitation Science), McGill University
Comprehensive (written)
- 2002 **External Reviewer**
MSc (Medical Sciences), University of Toronto, Toronto, ON
Thesis, Trischa Fitzpatrick
- 2006 **External Reviewer**
MSc (Medical Sciences), University of Toronto, Toronto, ON
Thesis, Martha McColl
- 2006 **External Reviewer**
PhD, Rehabilitation, Queens University, Kingston, ON
Thesis, Alice Aiken
- 2009 **External Reviewer**
MSc (Medical Sciences), University of Toronto, Toronto, ON
Thesis, Eric Hagemann

FUNDED PROJECTS

Funding Source: St. Peter's Hospital Foundation

Amount: Total \$ 8,500

Funding Period: 1991-1993

Project Title: Pilot Project to Test Instrumentation for Effectiveness Trial in the Use of Easy Street

Investigators: Sanford J, Law M, **Swanson LR**, Guyatt G.

Funding Source: Gerontological Research Grant-in-Aid, Office of Gerontological Studies,
McMaster University

Amount: Total \$ 500

Funding Period: 1993-1994

Project Title: Aging and bimanual motor control.

Investigators: **Swanson LR**, Lee TD.

Funding Source: Natural Sciences and Engineering Research Council of Canada

Amount: Total \$ 73,331

Funding Period: 1993

Project Title: Equipment Grant for a 3-dimensional motion analysis system.

Investigators: Elliott D, Dowling J, Lee TD, Pierrynowski M, Riach C, Starkes J, Tipper S, **Swanson LR**,
Weeks D.

Funding Source: Canadian Fitness and Lifestyle Research Institute

Amount: Total \$ 13,676

Funding Period: 1993-1995

Project Title: Aging and bimanual co-ordination.

Investigators: Lee TD, **Swanson LR** (co-principal investigators).

Funding Source: Ontario Ministry of Health
Amount: Total \$ 126,600
Funding Period: 1993-1997
Project Title: Easy Street Effectiveness Trial: A study to compare two methods of rehabilitation to improve independent living skills in the elderly.
Investigators: Sanford J, Law M, Swanson LR., Guyatt G. (co-applicant)

Funding Source: New Horizons Grant, Seniors Independence Program, Health & Welfare
Amount: Total \$ 2,275
Funding Period: 1996-97
Project Title: The effectiveness of Special Steps. A walking/ visiting program for persons with cognitive impairment.
Investigators: **Wishart (Swanson) LR**, Browne G, King A, Macerollo J.

Funding Source: J.P. Bickell Foundation
Amount: Total \$ 17,396
Funding Period: 1996-97
Project Title: Learning new bimanual coordination patterns in older adults.
Investigators: **Wishart LR**

Funding Source: R.L. McLaughlin Centre for Gerontology Health Research
Amount : Total \$5,000.00 (partial funding)
Funding Period: 1997-98
Project Title: Reintegration into the Community - Does Rehabilitation Facilitate this Process?
Investigators: Richardson J, **Wishart LR**, Wilkins S, Tompkins C, Montemuro M.

Funding Source: Educational Centre for Aging and Health (Wrap-up Funds)
Amount : Total \$2,150.00 (partial funding)
Funding Period: 1997-98
Project Title: Reintegration into the Community - Does Rehabilitation Facilitate this Process?
Investigators: Richardson J, **Wishart LR**, Wilkins S, Tompkins C, Montemuro M.

Funding Source: Health Transition Fund (Health Canada)
Period of Support: 1999-2001
Amount of Grant: \$225,920
Project Title: The effect and expense of a health promotion/ rehabilitation intervention in an elderly home care population.
Investigators: **Wishart LR**, Richardson J, Roberts J, Browne G, Wilkins S, Shadwick S.

Funding Source: Canadian Occupational Therapy Foundation
Period of Support: 1999-2000
Amount of Grant: \$5000
Project Title: The effectiveness of education and functional training programmes for older adults with chronic illnesses.
Investigators: Wilkins S, Jung B, **Wishart LR**, Edwards M.

Funding Source: Mobility, Aging and Participation Research Competition (Internal)
Period of Support: 2000-2004
Amount of Grant: \$10000
Project Title: Rehabilitation of Individuals with Post-stroke Hemiplegia-
An Evaluation of a Cognitive Motor Learning Intervention.
Investigators: **Wishart LR**, Moreland J, DePaul V, Lee TD.

Funding Source: Mobility, Aging and Participation Research Competition (Internal)
Period of Support: 2000-2001
Amount of Grant: \$10000
Project Title: A pilot project to assess feasibility of computer assessment of the functional status in older adults.
Investigators: Richardson J, Chan D, Giles C, Risdon K, **Wishart LR**, Moreland J.

Funding Source: Mobility, Aging and Participation Research Competition (Internal)
Period of Support: 2000-2001
Amount of Grant: \$7500
Project Title: The physical environment as a risk factor for falls in older adults: a research overview and meta analysis.
Investigators: Letts L, Moreland J, Finch E, Martin K, Richardson J, Wilkins S, **Wishart LR**.

Funding Source: Canadian Institutes of Health Research
Period of Support: 2001-2005
Amount of Grant: \$85425
Project Title: Evaluation of home care versus hospital care in post acute stroke- A pilot study.
Investigators: Richardson J, **Wishart LR.**, Guyatt, G, Wilkins S, Gafni A, Letts L, Moreland J, Garner S, Thomson G.

Funding Agency: Ontario Ministry of Health and LongTerm Care
Funding Amount: \$75,000
Funding Period: 2005 _ 2006
Project Title: Rehabilitation in Primary Care: National and International Experiences and Training Requirements
Investigators: Richardson J, Letts, L, **Wishart LR**, Stewart D, Law M.

Funding Agency: Ministry of Health and Long Term Care of Ontario, Ontario Stroke Strategy Grant
Funding Amount: \$142 382.00
Funding Period: 2006 – 2010
Project Title: A Motor Learning Walking Program versus Body Weight Supported Treadmill Training in community dwelling individuals within six months since stroke onset: A randomized controlled trial.
Investigators: DePaul V, **Wishart L**, Richardson J, Lee T, Moreland, J.

Funding Agency: Ontario Stroke Strategy/Ministry of Health and Long-term Care
Amount: \$142,078
Funding Period: Jan 2009-Mar 2010
Project Title: Rehabilitation in the home environment: A knowledge transfer project to implement best practice and ensure continuity of care with stroke.
Investigators: Richardson J, Bosch J, DePaul V, Jack S, Letts L, Moreland J, Wilkins S, **Wishart L**

Funding agency: Program for Interprofessional Practice Education and Research, McMaster University
Funding amount: \$4720.00

Funding period: 2010- 2011

Project Title: Development of an Interprofessional Client Interviewing and Goal Setting Workshop for Students: An Interprofessional Education Project

Investigators: DePaul V, Alderson M, Cole B, Marrone S, Neibert M, Rowan S, Richardson J, Versi B, Wishart L.

Funding agency: Central South Ontario Regional Stroke Strategy

Funding amount: \$699.74

Funding period: 2009-2010

Project title: Dissemination and application of Canadian Best Practice Recommendations for Stroke at a non-designated hospital

Investigators: DePaul V, Reaburn-Jones B, Johnson D, Wishart L.

OTHER

Funding Source: Office of the Associate Dean of Research

Amount: Total \$ 14,200

Funding Period: 1994

Project Title: Equipment and personnel grant

Investigators: **Wishart (Swanson) LR**

Funding Source: Ontario Ministry of Health (Internal award)

Amount: Total \$ 12,500

Funding Period: 1995-96

Project Title: Equipment and personnel grant

Investigators: **Wishart (Swanson) LR**

Funding Source: Ontario Ministry of Health (Internal award)

Amount: Total \$ 15,000

Funding Period: 1996-2002

Project Title: Equipment and personnel grant

Investigators: **Wishart LR**

Funding Source: Programme in Aging in Health, McMaster University

Amount : Total \$20,000.00

Funding Period: 1997-98

Project Title: Development of research programme

Investigators: Mobility, Participation and Aging Research Group

Julie Richardson (Co-chair), **Laurie Wishart (Co-chair)**

Funding Source: R. Samuel McLaughlin Foundation
Period of Support: 1998-2004
Amount of grant: \$125,000 (part of a \$500,000 joint proposal of the 4 research theme groups of the R. Samuel McLaughlin Centre for Research and Education in Aging and Health)
Project Title: Infrastructure Research Support
Investigators: Mobility, Participation and Aging Research group (Richardson J, Co-chair **Wishart LR, Co-chair**)

Funding Source: Agency for Healthcare Research and Quality, AHRQ.
Period of Support: Dec.2007 to Sept.2008
Amount of funding: \$193,675 USD.
Project Title: Methodological Issues in Evaluation of Innovative Training Approaches to Stroke Rehabilitation.
Investigators: Co-Principal Investigators: M. Oremus, P.L.Santaguida
Co-investigator: **L. Wishart**

FUNDED EDUCATIONAL PROJECTS

Funding Agency: Educational Centre for Aging and Health
Amount: Total \$ 500
Funding Period: 1994-95
Project Title: Development of an educational video entitled "Assessment of mobility in the cognitively impaired older adult. Part A- Identification of the issues and demonstration of communication skills".

Project Supervisors: **Swanson LR**, Sanford J.
Funding Agency: Educational Centre for Aging and Health
Amount: Total \$ 500
Funding Period: 1994-95
Project Title: Development of an educational video entitled " Assessment of mobility in the cognitively impaired older adult. Part B- Demonstration of management techniques".
Project Supervisors: **Sanford J, Swanson LR**.

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1. Scherzer, P.B., Basmajian, J.V., Blumenstein, R., Gowland, C., **Swanson, L.R.** (1980). Study of a biofeedback project. *Physiotherapy Canada*, 32, 209-215.
2. Basmajian, J.V., Gowland, C., Brandstater, M.E., **Swanson, L.R.**, Trotter, J.E. (1982) EMG feedback treatment of upper limb in hemiplegic patients. *Archives of Physical and Medical Rehabilitation*, 63, 613-616.
3. Basmajian, J.V., Gowland, C.A., Finlayson, A.J., Hall, A.L., **Swanson, L.R.**, Stratford, P.W., Trotter, J.E., & Brandstater, M.E. (1987) Stroke treatment: Comparison of integrated behavioral-physical therapy vs. traditional physical therapy programs. *Archives of Physical and Medical Rehabilitation*, 68, 267-272.
4. Lee, T.D., **Swanson, L.R.**, Hall, A.L. (1991) What is repeated in a repetition? Effects of practice conditions on motor skill acquisition. *Physical Therapy*, 71, 150-156.
5. **Swanson, L.R.**, & Lee, T.D. (1992) The effects of aging and schedules of knowledge of results on motor learning. *Journal of Gerontology: Psychological Sciences*, 47, 406-411.

6. Sanford, J., Moreland, J., **Swanson, L.R.**, Stratford, P., Gowland, C. (1993) Reliability of the Fugl-Meyer evaluation of physical performance for the in-patient active stroke rehabilitation population. *Physical Therapy*, 73, 447-453.
7. Chua, R., Pollock, B.J., Elliott, D., **Swanson, L.R.**, Carnahan, H. (1995) The influence of age on manual asymmetries in movement preparation and execution. *Developmental Neuropsychology*, 11, 129-137.
8. Sanford, J., Cooper, B., **Swanson, L.R.**, Ward, M. (1995) Interprofessional education in gerontology: A problem-based model. *Journal of Gerontology and Geriatric Education*, 16, 37-51.
9. Carnahan, H., Vandervoort, A.A., **Swanson, L.R.** (1996) The influence of summary knowledge of results and aging on motor learning. *Research Quarterly for Exercise and Sport*, 67, 280-287.
10. Lyons, J., Elliott, D., **Swanson, L.R.**, Chua, R. (1996) The use of vision in manual aiming by young and older adults. *Journal of Aging and Physical Activity*, 4, 165-178.
11. Lee, T.D., **Wishart, L.R.**, Cunningham, S., Carnahan, H. (1997) Modeled timing information during random practice eliminates the contextual interference effect. *Research Quarterly for Exercise and Sport*, 68, 100-105.
12. **Wishart, L.R.**, & Lee, T.D. (1997) The effects of aging and reduced relative frequency of knowledge of results on motor learning. *Perceptual and Motor Skills*, 84, 1107-1122.
13. Carnahan, H., Vandervoort, A.A., **Swanson, L.R.**(1998). The influence of aging and target motion on the control of prehension. *Experimental Aging Research*, 24, 289-306.
14. Latimer, E., Deakin, A., Ingram, C., O'Brien, L., Smoke, M., **Wishart, L.R.** (1999). *An interdisciplinary approach to a day-long palliative care course for undergraduate students*. Canadian Medical Association Journal, 161,729-731.
15. **Wishart, L.R.**, Lee, T.D., & Murdoch, J.E.*, Hodges, N.J. (2000). Effects of aging on automatic and effortful processes in bimanual coordination. *Journal of Gerontology: Psychological Sciences*, 55B,P85-P94.
16. **Wishart, L.R.**, Macerollo, J., Loney, P., King, A., Beaumont, L., Browne, G., Roberts, J. (2000). The effectiveness of "Special Steps". A walking/ visiting program for persons with cognitive impairment. *Canadian Journal of Nursing Research*, 31,57-71.
17. Richardson, J., Law, M., **Wishart, L.R.**, Guyatt, G. (2000). The use of a simulated environment (Easy Street®) to retrain independent living skills in elderly persons- a randomized controlled trial. *Journal of Gerontology: Medical Sciences*, 55A,M1-M7.
18. **Wishart, L.R.**, Lee, T.D., Janzen Ezekiel, H. *, Marley, T.L. *, Lehto, N.K. * (2000) Application of motor learning principles: The physiotherapy client as a problem-solver. I. Concepts. *Physiotherapy Canada*, 52, 222-225.

19. Marley, T.L.* , Lehto, N.K.* , Janzen-Ezekiel, H.* , **Wishart, L.R.**, Lee, T.D.(2000). Application of motor learning principles: The physiotherapy client as a problem-solver. II. Scheduling practice. *Physiotherapy Canada*, 52, 311-316.
20. Ezekiel, H.J.* , Lehto, N.K.* , Marley, T.L.* , **Wishart, L.R.**, & Lee, T.D. (2001). Application of motor learning principles: The physiotherapy client as a problem-solver. III. Augmented feedback. *Physiotherapy Canada*, 53, 33-40.
21. Lehto, N.K.* , Marley, T.L.* , Ezekiel, H.J.* , **Wishart, L.R.**, & Lee, T.D. (2001). Application of motor learning principles: The physiotherapy client as a problem-solver. IV. Future directions. *Physiotherapy Canada*, 53, 109-113.
22. Almeida, Q.J.* , **Wishart, L.R.** & Lee, T.D. (2001). Influence of a cued voluntary shift on coordinated movement and freezing in Parkinson's Disease. *Movement Disorders*, 17,30-37.
23. Wilkins, S., Finch, E., Letts, L., Martin, K., Moreland, J.,Richardson, J., & **Wishart, LR.** (2002). Development of interprofessional clinical research collaboration in gerontology. *Gerontology & Geriatrics Education*, 22, 93-106.
24. **Wishart, L.R.**, Lee, T.D., Cunningham, S.J.* & Murdoch, J.E.*(2002). Age-related differences and the role of vision in learning a bimanual coordination pattern. *Acta Psychologica*, 17, 30-37.
25. Lee, T.D., **Wishart,L.R.**, Murdoch, J.E*(2002). Aging, attention and bimanual coordination. *Canadian Journal on Aging*, 21, 549-557.
26. Almeida, Q.J.* , **Wishart, L.R.**, & Lee, T.D. (2003). Interruption of interlimb coordinated movement in Parkinson's Disease: The influence of a cued intentional shift. *Neuropsychologia*, 41, 442-452.
27. Spadoni, G.F.□, Stratford, P.W., Solomon, P.E., & **Wishart, L.R.** (2003).Development and cross-validation of the P4: A self-report pain intensity measure. *Physiotherapy Canada*, 55, 32-40.
28. Wilkins, S., Jung, B., **Wishart, L.**, Edwards, M., & Gamble Norton, S. (2003). The effectiveness of community_based occupational therapy education and functional training programs for older adults: A critical literature review. *Canadian Journal of Occupational Therapy*, 70, 214_225.
29. Spadoni, G.F.□, Stratford, P.W., Solomon, P.E., & **Wishart, L.R.** (2004). The evaluation of change in pain intensity: a comparison of the P4 and single_item numeric pain rating scales. *Journal of Orthopedic Sports Physical Therapy*,. Apr,34(4),187_93.
30. Salter J* , **Wishart LR**, Lee TD. & Simon D. (2004). Perceptual and motor contributions to bimanual coordination. *Neuroscience Letters*, Jun 10,363(2),102_7.
31. Lee TD, **Wishart LR.** (2005). Motor learning conundrums (and possible solutions). *Quest*,57,67-78.
32. Rivard L □, Missiuna C, Hanna S, **Wishart LR.** (2007) "Understanding teachers' perceptions of the motor difficulties of children with Developmental Coordination Disorder (DCD)" *British Journal of Educational Psychology*, Sep;77(Pt 3):633-48.

33. Levac, D. *, DeMatteo, C., Hanna, S., **Wishart, L.** (2008) Intra-individual variability in recovery from pediatric acquired brain injury: relationship to functional outcomes at one year. *Developmental Neurorehabilitation*, 11(3), 195-203.
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* Professional or graduate student □ served on student's committee

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Carnahan, H., Vandervoort, A.A., **Swanson, L.R.** (1993). The influence of aging on motor learning. In GE Stelmach & V. Homberg (eds.), *Sensorimotor impairments in the elderly* (pp.41-56). Dordrecht: Kluwer.

Swanson, L.R., Sanford, J. (1995). Motor learning concepts applied to rehabilitation of the older adult. In B. Pickles (ed.). *Physiotherapy in the care and treatment of older people* (pp.107-118). London: Saunders Co.

PUBLISHED ABSTRACTS

Blumenstein, R., **Swanson, L.R.**, Gowland, C., deBruin, H., Basmajian, J.V. (1981) An electromyographic study of the shoulder region in hemiplegic (stroke) patients. *Anat Rec* 199(3).

Blumenstein, R., **Swanson, L.R.**, Gowland, C., deBruin, H., Basmajian, J.V. (1981) An electromyographic study of the upper extremity of normal and hemiplegic patients. *Anat Rec* 196(3) 21A.

Sanford, J., Cooper, B., **Swanson, L.R.**, Ward, M. (1992) The approach to the study of gerontology in the problem based curricula of the school of occupational therapy and physiotherapy at McMaster University: Theoretical issues. Proceedings from the 5th Annual Conference on Education in Aging and Health, Kingston, Ontario.

Moreland, J., Sanford, J., **Swanson, L.R.**, Stratford, P., Gowland, C. (1992) Reliability of the Fugl- Meyer Evaluation of Physical Performance for the in-patient active rehabilitation population. Canadian Physiotherapy Association Congress, Saskatoon, Saskatchewan.

Richardson J, Law M, **Wishart LR**, Guyatt G. Simulated environment and aging trial. (1998). *The Gerontologist*, 39,166.

NON PEER- REVIEWED PUBLICATION

Sanford, J.A., & **Swanson, L.R.** (1995). Motor Learning Module, Unit 3

Lee, T.D., & **Swanson, L.R.** (1995). Aging and bimanual coordination. Final Report submitted to Canadian Fitness and Lifestyle Research Institute, Project #932R006.

Wishart, L.R., Browne, G., King, A., Macerollo, J., Maloney, P., Beaumont, L. (1997). The effectiveness of Special Steps. A walking/visiting program for persons with cognitive impairment. Final Report.

Wilkins, S., Jung, B., **Wishart, L.R.**, Edwards, M., & Gamble-Norton, S. (2001). COTF Outcomes That Matter Final Report: The effectiveness of occupational therapy education and functional training programs for older adults. Canadian Occupational Therapy Foundation, Toronto, Ontario.

Wishart, L.R., Richardson, J., Roberts, J., Browne, G., Wilkins, S., Shadwick S. (2001). Final Report. The effect and expense of a health promotion/ rehabilitation intervention in an elderly home care population. Health Transition Fund (Health Canada).

Wishart, L.R. & Lee, T.D. (2002). Motor learning theory: From the laboratory to the clinic. *Synapse* (Publication of Canadian Physiotherapy Association, Neurological Special Interest Group).

Wishart, L.R. (2004).Invited Commentary: Physiotherapy for people with Parkinson's disease in the UK: An exploration of practice. *International Journal of Therapy and Rehabilitation*. April Vol 11 (4), 166-7.

Richardson, J., Letts, L., Wishart, L., Stewart, D., Law, M., Wojkowski, S. (March 2006). Rehabilitation in Primary Care National and International Examples and Training Requirements Technical Report to Ontario Ministry of Health.

EDUCATIONAL RESOURCES

1997-98 Geddes, L., Clarke, B., Gemus M., **Wishart, L.R.**, Clute, W., Ritchie, A. Professional Behaviours Document

PRESENTATIONS

Invited

1. Chedoke Hospital, Hamilton, Ontario. McMaster University Faculty of Medicine and St. Joseph's Hospital, Clinical Biofeedback Course."Use of biofeedback for treatment of stroke". **Swanson LR**, 1979.

2. Chedoke-McMaster Hospitals, McMaster University, Hamilton, Ontario Faculty of Medicine and St. Joseph's Hospital. Clinical Biofeedback Course. "Biofeedback and Treatment of the Stroke Upper Extremity." **Swanson LR**, 1980.
3. Ontario Physiotherapy Convention, Waterloo, Ontario. "Cognitive Behavioural Approach to the Treatment of Stroke Arm." **Swanson LR**, 1981.
4. Chedoke-McMaster Hospitals, Chedoke Hospital Hamilton, Ontario Division. Clinical Biofeedback Course. "Cognitive Behavioural Approach in the Treatment of Stroke." **Swanson LR**, 1981.
5. Chedoke-McMaster Hospitals, Chedoke Hospital Hamilton, Ontario Division. Stroke: New Aspects of Assessment and Treatment. A workshop for Physiotherapists. Gowland C, Hall A, Roebuck R, **Swanson LR**, Thompson M, Torresin W and Van Hullenaar S, 1983.
6. Bachelor of Health Science (Physiotherapy 4C3 - Neurosciences), McMaster University, Hamilton, "Cognitive -biofeedback approach to rehabilitation of stroke". **Swanson LR**, 1986-91.
7. University of Western Ontario, London, On. "Conditions of Practice for Motor Learning: Implications for Physical Therapy. **Swanson LR**, 1991.
8. Canadian Society for Psychomotor Learning and Sport Psychology, Annual Meeting, London, Ontario. "Conditions of practice for motor learning: implications for physical therapy". **Swanson LR**, 1991.
9. Ontario Physiotherapy Convention, Hamilton, Ontario. Pre convention course "Theoretical Issues in Motor Learning- Implications for Physical Therapy" **Swanson LR**, Carnahan H, 1992.
10. NATO conference on Sensorimotor Impairments in the Elderly, Bad Windsheim, Germany. "The influence of aging on motor learning." Carnahan H, Vandervoort AA, **Swanson LR**, 1992.
11. Workshop sponsored by the Ontario Physiotherapy Association, Hamilton, Ontario. "Current issues in motor control and motor learning: implications for therapeutic interventions". **Swanson LR**, Carnahan H, Lee TD., 1992.
12. Bachelor of Physical Education (1E03 - Motor Development), McMaster University, Hamilton, "Effects of age on motor performance". **Swanson LR**, 1992.
13. Bachelor of Physical Education (1E03 - Motor Development), McMaster University, Hamilton, "Effects of age on motor performance". **Swanson LR**, 1993.
14. Round Table Discussion on Motor Control and Learning in the Elderly. North American Society for the Psychology of Sport and Physical Activity. Brainerd, Minn. **Swanson LR**, 1993. Staff education seminar, Chedoke-McMaster Physiotherapy Department, Hamilton, On. "Cognitive Effort and Motor Learning". **Swanson LR**, 1993.
15. Staff education seminar, St. Peter's Hospital, Hamilton, On. "Motor control and learning changes associated with aging". **Swanson LR**, 1993.

16. Master of Science (Human Biodynamics, Graduate Seminar), McMaster University. "Aging and motor learning". **Swanson LR**, 1994.
17. Research seminar, School of Occupational and Physiotherapy. "The age-related effects of schedules of knowledge of results on motor learning". **Swanson LR**, 1994.
18. Staff education seminar, St. Peter's Hospital, Hamilton, On. "Application of Motor control and learning principles in traditional treatment settings". **Swanson LR**, 1995.
19. Staff education seminar, St. Peter's Hospital, Hamilton, On. "Application of Motor control and learning principles in a simulated environment". **Swanson LR**, 1995.
20. Bachelor of Kinesiology (1E06 - Psychomotor Behaviour), McMaster University, Hamilton, "Effects of age on motor performance". **Swanson LR**, 1995.
21. Bachelor of Kinesiology (4K03 - Perceptual-motor Behaviour), McMaster University, Hamilton, "The development of motor learning and control theory related aging: Why is it important?". **Swanson LR**, 1995.
22. Workshop for Occupational Therapists. Chedoke-McMaster Hospitals, Hamilton. "Applying principles of motor learning to clinical practice". **Swanson LR**, 1995.
23. Graduate Seminar, Department of Physical Therapy, The University of Western Ontario, London, On. The translation of motor control/learning research to clinical Practice. **Swanson LR**, 1995.
24. Introduction to Symposium entitled "Movement Adaptation to Neurological Impairment: Establishment of a New Order", Annual Meeting, North American Society for the Psychology of Sport and Physical Activity, Muskoka, On., **Swanson LR**, 1996.
25. Bachelor of Kinesiology (4K03 - Perceptual-motor Behaviour), McMaster University, Hamilton, "The application of motor control and learning research in aging to rehabilitation?" **Wishart LR**, 1997.
26. Research Networking Day, School of Rehabilitation Sciences, "Effects of aging on learning new movement skills and on movement control". **Wishart LR**, 1997.
27. Allegheny University of the Health Sciences, Department of Physical Therapy, "Effortful Motor Learning- "Implications for rehabilitation populations". **Wishart LR**, 1997.
28. Chedoke- McMaster Division, Health Sciences Corporation. How to design a research study. **Wishart LR**, 1998.
29. Telemedicine Canada. The effectiveness of simulated environments for rehabilitation of older adults. Richardson J, **Wishart LR**, 1998.
30. Master of Science (Human Biodynamics, Graduate Seminar), McMaster University. "Effortful motor learning- Implication for rehabilitation interventions". **Wishart LR**, 1998.

31. Ontario Physiotherapy Association, Annual Meeting. Hamilton, ON. "Motor Learning Principles: Application to Physiotherapy Practice". **Wishart LR**, Pollock B, 1999.
32. Community Rehab, Hamilton ON. "Motor learning concepts: Application to community interventions." **Wishart LR**, 2002.
33. St Joseph Health Centre, Hamilton ON. Day workshop. "How to optimize learning of functional skills in adult rehabilitation." **Wishart LR**, Lee TD, Ezekiel HJ, Lehto NK, Marley TL, 2002.
34. University of Southern California, Los Angeles, CA. Research Seminar. Effectiveness and efficiency of home care rehabilitation/ health promotion intervention for older adults discharged from acute hospital. **Wishart LR**, 2003.
35. University of Southern California, Los Angeles, CA. Faculty Seminar. Problem-based learning and evidence-based practice in Physical therapy programs. **Wishart LR**, 2003.
36. University of Sherbrooke, Research Centre on Aging. The effectiveness of a rehabilitation/ health promotion home care intervention for older adults discharged from acute hospital. Wishart LR, Richardson, J, Roberts J, Browne G, Gafni A, Wilkins S, Shadwick S, 2004.
37. Combined Sections meeting of the American Physical Therapy Association, Nashville, TN. Mind and movement: Cognition, control and learning. Two day workshop. Lee TD, Riolo L, McCulloch K, Studer M, & **Wishart LR**, February 4-5, 2004.
38. Canadian Physiotherapy Annual meeting. Eye opener session- The new curriculum guidelines for Canadian University programs. Wishart, L & Duffy M. Calgary, May, 2009.

Contributed (Peer Reviewed)

1. Proceedings of the Ninety-third Session Omaha, Nebraska of the American Association of Anatomists. "An Electro-myographic Study of the Upper Extremity of Normal and Hemiplegic Patients." Blumenstein R, **Swanson LR**, Gowland C, de Bruin H, Basmajian JV, 1980.
2. North American Society for the Psychology of Sport and Physical Activity. Asilomar, CA. "The effects of age and schedules of knowledge of results on motor learning." **Swanson LR**, Lee TD, 1991.
3. Southern Ontario Psychomotor Behavior Meeting, Waterloo, Ontario. "Working memory for movements- the role of a configurational subsystem?" Pollock BJ, **Swanson LR**, Robertson S, Elliott D, 1992.
4. Canadian Society for Psychomotor Learning and Sport Psychology, Annual Meeting, Observational Learning Symposium, Saskatoon, Saskatchewan. "Working Memory: Implications of the subsystems for observational learning". **Swanson LR**, Pollock B, Robertson S, Elliott D, Felius C, 1992.
5. Canadian Physiotherapy Association Congress, Saskatoon, Saskatchewan. Reliability of the Fugl-Meyer Evaluation of Physical Performance for the In-Patient Active rehabilitation Population. Moreland J, Sanford J, **Swanson LR**, Stratford P, Gowland C, 1992.

6. North American Society for the Psychology of Sport and Physical Activity. Pittsburgh, Penn. "The effects of aging and reduced relative frequency of knowledge of results on motor learning." **Swanson LR**, Lee TD, 1992.
7. North American Society for the Psychology of Sport and Physical Activity. Pittsburgh, Penn. "The influence of age on manual asymmetries in movement preparation and execution." **Chua R**, Pollock BJ, Elliott D, **Swanson LR**, Carnahan H, 1992.
8. Canadian Society for Psychomotor Learning and Sport Psychology, Saskatoon, Saskatchewan. "The influence of aging and summary knowledge of results on motor learning." **Carnahan H**, Vandervoort AA, **Swanson LR**, 1992. North American Society for the Psychology of Sport and Physical Activity. Brainerd, Minn. "Aging and knowledge of results effects in motor learning". **Swanson LR**, Carnahan H, 1993.
9. The Ontario Gerontology Association, Toronto. "Assessing clinically important change in a geriatric population". **Sanford J**, Law M, **Swanson LR**, Guyatt G, 1993.
10. Canadian Society for Psychomotor Learning and Sport Psychology, Montreal. "Modelled timing information during random practice eliminates the contextual interference learning effect". **Lee TD**, **Swanson LR**, Carnahan H, 1993.
11. Canadian Society for Psychomotor Learning and Sport Psychology, Montreal. "The use of vision in manual aiming by young and older adults". Elliott D, **Lyons J**, **Swanson LR**, Chua R, 1993.
12. American Society on Aging, San Francisco. "Assessing clinically important change as a consequence of rehabilitation in older adults." **Sanford J**, Law M, **Swanson LR**, Guyatt G, 1994.
13. Joint Canadian Physiotherapy Association/ American Physical Therapy Association Congress. "Functional assessment of older adults: A report on three measures." **Sanford J**, Law M, **Swanson LR**, Guyatt G, 1994.
14. Canadian Society for Psychomotor Learning and Sport Psychology, Hamilton, On. "The influence of target motion and aging on the control of prehension". **Carnahan H**, Vandervoort AA, **Swanson LR**, 1994.
15. North American Society for the Psychology of Sport and Physical Activity. Asilomar, CA. "Deficits in learning a bimanual coordination task by older adults." **Cunningham SJ***, **Swanson LR**, Lee TD, 1995.
16. Canadian Society for Psychomotor Learning and Sport Psychology, Vancouver, B.C. Symposium on Dynamic Theory, "Using the tools of dynamics to study aging". **Swanson LR**, 1995.
17. Ontario Gerontological Association, Toronto, On. "Older adults' perception of research- Involvement in a randomized controlled trial". **Richardson J**, **Swanson LR**, Mulveney S, Law M, 1996.
18. Combined meeting of the North American Society for the Psychology of Sport and Physical Activity and the Canadian Society for Psychomotor Learning and Sport Psychology. Muskoka, On. "Aging and bimanual coordination: Attentional demands of inphase and anti-phase patterns." **Swanson LR**, Lee TD, Murdoch J*, 1996.

19. Psychonomic Society, Annual meeting, Chicago, Illinois. "Aging, speed, and instruction effects in bimanual coordination. Lee TD, **Swanson LR**, Hodges NJ, 1996.
20. North American Society for the Psychology of Sport and Physical Activity. Denver, Colorado. "Aging and learning a new bimanual coordination pattern: Problems and solutions." **Wishart LR**, Lee TD, Murdoch J, 1997.
21. Canadian Association on Gerontology, Annual meeting. Calgary, Alberta. "Simulated Environment and Aging Trial." Richardson J, Law M, **Wishart LR**, Guyatt G, 1997.
22. Canadian Physiotherapy Association, Annual meeting. St. John's, Newfoundland. "Professional behaviours in physiotherapy education: Challenges for a new millennium." Clarke BM, Geddes L, Gemus M, **Wishart LR**, Clute W, Ritchie A, 1998.
23. North American Society for the Psychology of Sport and Physical Activity, Annual meeting. St. Charles, Illinois. "Aging and Learning a New Bimanual Coordination Pattern: Visual Feedback Effects". **Wishart LR**, Lee TD, Murdoch J*, 1998.
24. Canadian Society for Psychomotor Learning and Sport Psychology, Annual Meeting. Fredericton, New Brunswick. "Effects of aging and spatial orientation on in-phase and anti-phase bimanual coordination patterns". **Wishart LR**, Lee TD, Beaumont L, 1998.
26. Ontario Physiotherapy Association, Annual Meeting. Hamilton, ON. "Effectiveness of Motor Learning Principles in Rehabilitation". Janzen H*, Marley T*, Lehto N*, **Wishart LR**, Lee TD, 1999.
27. North American Society for the Psychology of Sport and Physical Activity, Annual meeting. Clearwater, Florida. "Recent developments in rehabilitation of motor control- The role of evidence as a basis for practice". **Wishart LR**, 1999.
28. Canadian Society for Psychomotor Learning and Sport Psychology, Annual Meeting. Edmonton, Alberta. "Aging and the influence of automaticity on acquiring coordination". Almeida QJ*, **Wishart LR**, Lee TD, 1999.
29. Canadian Association of Occupational Therapists, Canadian Association of Speech-Language Pathologists and Audiologists, Canadian Physiotherapy Association, Tri- Joint Congress, Toronto, On. "Development of interprofessional clinical research collaboration in gerontology". Finch E, Letts L, Martin K, Moreland J, Papaioannou A, Richardson J, Solomon P, Wilkins S, **Wishart LR**, 2000.
30. Canadian Association of Occupational Therapists, Canadian Association of Speech-Language Pathologists and Audiologists, Canadian Physiotherapy Association, Tri- Joint Congress, Toronto, On. "Application of motor learning principles to rehabilitation interventions". **Wishart LR**, Richardson J, 2000.
31. Canadian Association of Occupational Therapists, Canadian Association of Speech-Language Pathologists and Audiologists, Canadian Physiotherapy Association, Tri- Joint Congress, Toronto, On. "Do physical constraints during practice facilitate learning?" Long KM*, Nyman CM*, Podworny N*, Lee TD, **Wishart LR**, 2000.

32. Ontario Association of Community Care Access Centres Annual Conference. Toronto, Ontario. "The effects and expense of early health promotion/rehabilitation intervention in an older adult community care population: an overview". **Wishart LR**, Richardson J, Roberts J, Browne G, Gafni A, Wilkins S, Shadwick S, Whitmore E, 2000.
33. North American Society for the Psychology of Sport and Physical Activity, Annual meeting. San Diego, California. "The influence of Parkinson's Disease on bimanual coordination: freezing and amplitude deficits in antiphase". **Almeida QJ***, **Wishart LR**, Lee TD, 2000.
34. Canadian Society for Psychomotor Learning and Sport Psychology, Annual Meeting. Waterloo, ON. "Freezing and the influence of intentional shift on bimanual coordination in individuals with Parkinson's Disease." **Almeida, QJ***, **Wishart, LR**, & Lee, TD, 2000.
35. Canadian Association of Occupational Therapists, Annual Meeting. Calgary, Alberta. Effectiveness of education and functional training programmes for older adults. **Wilkins, S.**, Jung, B., **Wishart, L.**, Edwards, M., & Gamble Norton, S. 2001.
36. Canadian Association of Occupational Therapists, Annual Meeting. Saint John, NB, "Reviewing the literature to identify outcomes that matter." Coburn L, Hebert D, Jung B, Unruh A, Edwards M, Gamble Norton S, Heintzman P, Kirsh B, Reid D, Rudman D, Versnel J, Wilkins S, **Wishart L**. 2002.
37. North American Society for the Psychology of Sport and Physical Activity, Annual meeting. Washington DC. "Aging effects in switching from bimanual to unimanual performance. Salter J*, **Wishart LR**, Lee TD. 2002.
38. American Occupational Therapy Association, Annual Meeting. Miami Beach FL. "Enhancing occupational performance through occupational embedded exercise: a motor learning and control perspective". Jarus T, **Wishart LR**, Lee TD. 2002.
39. Canadian Physiotherapy Association, Annual Meeting. Halifax NS. "Adherence to unsupervised practice by older adults". Sirur R □, Richardson J, **Wishart LR**. 2002.
40. Canadian Society for Psychomotor Learning and Sport Psychology, Annual Meeting. Vancouver BC. "Compatible versus incompatible feedback in the performance of bimanual coordination in individuals with Parkinson's Disease. Salter J*, **Wishart LR**. 2002.
41. Canadian Association of Occupational Therapists Conference. Lessons learned from conducting a meta-analysis. Letts L, Moreland J, Coman L, Finch E, Martin K, Richardson J, Wilkins S, **Wishart L**, 2003.
42. Research in Rehabilitation Symposium, Queen's University, Kingston, ON. Shaw J*, **Wishart, LR**, Lee, TD, Richardson J. The effect of task instructions in supervised activity practice on upper extremity recovery after acute stroke, 2004.
43. Inter-Urban Stroke Conference, Toronto, ON. Shaw J*, **Wishart, LR**, Lee, TD, Richardson J. Focus of attention during therapy enhances upper extremity motor function after stroke, 2005.

44. North American Society for the Psychology of Sport and Physical Activity, Annual meeting. St. Petersburg, FL, Shaw J*, **Wishart, LR**, Lee, TD, Richardson J. 2005.
45. Canadian Physiotherapy Association Annual Conference, Victoria, BC. Grant N, Hancock W, **Wishart LR**, Miller P. Development of a model to inform physiotherapy practice in neurology, May 2005.
46. Canadian Health Services Research Foundation Conference (CHSRF), Vancouver, BC
Wojkowski. S. **Richardson, J.**, Wishart, L., Letts, L, Stewart, D & Law, M. Achieving Primary Care Reform – The Contribution of Rehabilitation, September 2006
47. Canadian Health Services Research Foundation Conference (CHSRF) Vancouver, BC,
Richardson, J., Wojkowski, S., Wishart, L, Letts, L, Stewart, D & Law, M. The Integration of Rehabilitation into Primary Care – A Canadian Experience. September 2006
48. Canadian Association of Occupational Therapists, Annual Meeting, Montreal, Quebec **Shaw, J**, Wishart, L, Lee T, Richardson J. Focus of attention affects upper extremity motor function after stroke. June 2006.
49. 7th International Conference on Children with Developmental Coordination Disorder, Melbourne, Australia Rivard, L., **Missiuna, C.**, Hanna, S., & Wishart, L. Understanding Teachers' Perceptions of the Motor Difficulties of Children with Developmental Coordination Disorder (DCD). February 2007.
50. Inter-urban Stroke Academic Association Conference. Hamilton, ON. **DePaul, V.**, Wishart, L., Richardson, J., Lee, T. A Model of Post-Stroke Walking Retraining based on Contemporary Motor Learning Principles: A Case Study. April, 2007.
51. Advances in Neurorehabilitation Conference, Toronto ON. **DePaul, V.**, Wishart, L., Richardson, J., Lee, T. A critical review of the theoretical rationale for body weight supported treadmill training in stroke. June, 2007
52. Advances in Neurorehabilitation Conference, Toronto ON **Sirur, R.**, Richardson, J., Wishart, L., Hanna, S. A Cognitive-Behavioral Intervention to Increase Adherence to Prescribed Practice for Motor Relearning, June, 2007.
53. Ontario Gerontology Association, Annual Meeting. **Moreland, J.**, Letts, L., Richardson, J., Coman L., Edwards, M., Martin Ginis, K., Wilkins, S., Wishart, L. The physical environment and falls in older adults: A systematic review and meta-analysis. May, 2007.
54. World Congress of Physical Therapy, Vancouver, BC. **Wishart, L.**, Richardson, J., Roberts, J., Browne, G., Gafni, A., Wilkins, S., Henderson, S. The Effects of Early Health Promotion/Rehabilitation Intervention in an Older Adult Home Care Population, June, 2007.
55. World Congress of Physical Therapy, Vancouver, BC. Richardson J, Wojkowski S, **Wishart, L**, Letts, L., Stewart, D., Law, M. The Integration of Physiotherapy into Primary Care Practice – A Canadian perspective. June, 2007.

56. World Congress of Physical Therapy, Vancouver, BC. The integration of physiotherapy in primary care practice: an international perspective. Wojkowski S, Richardson J, **Wishart L**, Letts L, Stewart D, Law M; June, 2007.
57. International Brain Injury Association Conference, Lisbon, Portugal. What is the role of intra-individual variability in recovery from pediatric ABI? Levac D., DeMatteo C., Hanna S., Wishart L. April, 2008.
58. Gait and Mental Function Conference, Amsterdam. A model of post-stroke walking retraining based on contemporary Motor Learning Principles: A Case Study. DePaul V, **Wishart L**, Richardson J, Lee T. Feb 1 -3, 2008 (Proceedings published in *Parkinsonism & Related Disorders, Volume 14, Supplement 1*, February 2008, Page S59.)
59. Canadian Physiotherapy Association Congress, Ottawa. Quantifying patient walking activity using step activity monitors within an inpatient rehabilitation setting. DePaul V, Budgell L, Capobianco L, Haars J, Marchand L, Mills S, Moreland J, **Wishart L**. June, 2008.
60. Canadian Physiotherapy Association Conference, Ottawa, ON. Implications for physiotherapists of Intra-individual variability in recovery from pediatric acquired brain injury. Levac, D., DeMatteo, C., Hanna, S. **Wishart, L**. June, 2008.
61. Current Concepts in Balance, Fitness and Mobility. Toronto , ON. Measurement of walking activity in older adults on an inpatient rehabilitation unit using step activity monitors. DePaul V, Wishart L, Moreland J, Budgell L, Capobianco L, Haars J, Marchand L, Mills S. Jan., 2009
62. North American Society for the Psychology of Sport and Physical Activity (NASPSPA) Austin, Texas. Impact of focus of attention instructions on walking performance in individuals with and without history of stroke. DePaul V, Wishart L, Lee TD, Bramwell A, Hart V, Horne K, Pappas L, Pleasance L , June 2009.
63. Canadian Physiotherapy Association Congress, Calgary Alberta. Impact of focus of attention instructions on walking performance in individuals with and without history of stroke. DePaul V, Wishart L, Bramwell A, Hart V, Horne K, Pappas L, Pleasance L, Lee TD, May, 2009.
64. Developmental Coordination Disorder VIII International Conference, Baltimore MD. How are motor learning strategies applied within physical and occupational therapy interventions for children with DCD? Levac, D., Wishart L. June, 2009.
65. International Conference on Human Performance, Houston, Texas. Contingent motor learning schedules have divergent effects in younger and older adults. Cheug E, Wishart L, Lee TD, March, 2009.
66. Canadian Stroke Congress, Quebec City, Quebec. Development of the **Self-management and Task- oriented Approach to Rehabilitation Training (START)** at Home: A knowledge translation study. DePaul V, Richardson J, Officer A, Wishart L, Bosch J, Letts L, Wilkins S. June 2010.
67. Canadian Physiotherapy Association Congress, St. John's Nfld. . Quantification of walking specific practice in patients on an inpatient stroke unit using step activity monitors. DePaul V, Burrige H, Kwok C, Rosario J, Stogios C, Mckay E, Moyer E, Wishart L, July 2010.

68. Canadian Physiotherapy Association Congress, St. John's Nfld. . Developing a Framework for Stroke Rehabilitation in the Home Environment Officer A, Richardson J, DePaul V, Bosch J, Letts L, Wilkins S, Wishart L, July 2010.

ADMINISTRATIVE RESPONSIBILITIES

McMaster University

School of Rehabilitation Sciences

- 1996-97 Chair, Scholarly Activities Committee (appointed)
- 1996-97 Member, School Executive Committee (appointed)
- 1996 Member, Ad-hoc Research Space Committee (appointed)
- 2003-08(Oct) Member, Personnel Committee
- Member, Promotion and Tenure Committee
- Member, Helen Saarinen Lectureship Committee
- Member, Admissions Committee (Master of Clinical Science)
- Member, Academic Committee

Bachelor of Science (Physiotherapy)

- 1992-97 Member of the Undergraduate Physiotherapy Educational Committee (appointed)
- 1992-97 Member of the Promotion and Review Committee (appointed)
- 1994-97 Member of the Unit Chairs Committee (appointed)
- 1994-95 Chair, Inquiry Seminar Coordinator Committee (appointed)
- 1996 Mentor for student in remediation
- 1996-98 Member of the Professional Behaviours Committee (appointed)

Master of Science (Physiotherapy)

- July 1994- Member, School of Rehabilitation Science Academic Council
- 2000-2003 Member of Curriculum Committee
- July 2003 –Oct 08
- Chair, Curriculum Committee, (changed to Physiotherapy faculty Committee, 2006)
- Chair, Physiotherapy Council (changed to Physiotherapy Board, 2006)
- Chair, Program Academic Study Committee
- Oct 08- Member, Physiotherapy Faculty Committee
- Member, Physiotherapy Board (changed to Physiotherapy Governing Committee Jan, 2009)
- Member, Program Academic Study Committee

Faculty of Health Sciences

- 1993-97 Member of Organizing Committee for Interdisciplinary Palliative Care Workshop
- 1994-97 Member of Ad Hoc Committee to develop Masters Programme in Rehabilitation Sciences
- 1994-97 Member of Interdisciplinary Educational Committee, Educational Centre for Aging and Health
- 1997- 2002 Co-chair, Mobility, Participation and Aging Research Group.
- 2000 Member (elected), Search Committee- Associate Dean, Rehabilitation Science
- 2000- Member of Admissions Committee, Masters of Rehabilitation Science
- 2003 Member, Search Committee - Assistant Dean MSc(OT) Programme
- 2004 Member, Search Committee- Chair of Mentoring Programme, MD Programme
- 2003 Member, Graduate Curriculum and Policy Committee
- July 2003-08 Member, Health Sciences Education Committee
- 2006 Member, Search Committee, Physiotherapy Faculty

2006 Member, Search Committee, Occupational Therapy Faculty
 2007 Member, Search Committee, Occupational Therapy Faculty
 2007 Member, Search Committee, Academic Coordinator of Clinical Education, Physiotherapy Faculty

Other

1994 Member of Organizing Committee for the Canadian Society for Psychomotor Learning and Sport Psychology, Annual Scientific Conference, Hamilton, On.
 1995-6 Member, Organizing Committee, Symposium entitled "Movement Adaptation to Neurological Impairment: Establishment of a New Order", Annual Meeting, North American Society for the Psychology of Sport and Physical Activity, Muskoka, On.
 1999 Organizer, Symposium entitled "Recent developments in rehabilitation of motor control". Annual Meeting, North American Society for the Psychology of Sport and Physical Activity, Clearwater Beach, Fl.
 2002 Member of Organizing Committee for the Canadian Society for Psychomotor Learning and Sport Psychology, Annual Scientific Conference (2003), Hamilton, On.
 July 2003-08 Member, Ontario Council of University Programs in Rehabilitation Science
 July 2005-08 Executive, Ontario Council of University Programs in Rehabilitation Science
 Dec 2006-07 Chair, Ontario Council of University Programs in Rehabilitation Science
 July 2003-08 Member, Canadian University Physical Therapy Academic Programs
 July 2005-07 Vice Chair, Canadian University Physical Therapy Academic Programs
 July 2007-08 Chair, Canadian University Physical Therapy Academic Programs
 July 2003- Member, Ontario Physiotherapy Leaders Consortium
 July 2006-08 Chair, Canadian Curriculum Guideline revision working committee, Canadian University Physical Therapy Academic Programs
 June 2007 Member of organizing group. Two day workshop for Academic members of Canadian Physiotherapy Programs re Canadian curriculum Guideline revision, pre World Congress of Physiotherapy
 June 2008 Member of organizing group. Workshop- Innovations in Stroke Rehabilitation, McMaster University, Hamilton, Ontario
 July 2008-09 Past Chair, Canadian University Physical Therapy Academic Programs