

Joy C. MacDermid
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EDUCATION

- 1999 PhD Department of Epidemiology/Biostatistics
Thesis Supervisor: Dr Allan Donner
Thesis Title: Baseline Predictors for Six-month Patient Rated Pain and Disability Following a Distal Radius Fracture
University of Western Ontario, London, Ontario
- 1992 Masters of Science
Department of Physical Therapy, University of Western Ontario, London, Ontario
Supervisor: Dr John F Kramer
Thesis Title: Reliability and Validity of Clinical Measures in Carpal Tunnel Syndrome
- 1987 Bachelor of Applied Health Science (Physical Therapy)
University of Western Ontario, London, Ontario
Thesis Title: Torque -Velocity Relationship during Concentric-Eccentric Knee Extension
- 1981 Bachelor of Science (Major in Biology; Minor in Chemistry)
St. Mary's University, Halifax, Nova Scotia

ACADEMIC AWARDS

- 2007 IMHA (CIHR) Quality of Life Research Award- (Research excellence) for Funding Period: 2007-2010
Project Title: All-arthroscopic or mini-open repair of a rotator cuff tear (A randomized trial)
PI: **MacDermid JC**
Co-investigators: Holtby R, Razmjou H, Bryant D, Mohtadi,N, Balyk R, Leith J, Lo IK, MacDonald P, McCormack RG, Faber KJ, Dyke C, Walker R, Moro J, Koru-Sengul T
Award # MCT - 82335
- 2006 Silver Quill Award for best research article published in 2005 in Physiotherapy Canada - Brooks D, Solway S, **MacDermid JC**, Switzer-McIntyre S, Brosseau L, Graham I: The Quality of Clinical Practice

- Guidelines in Physical Therapy. *Physiotherapy Canada* 57: 123-134, 2005.
- 2006 Honoured Professor, Annual Philadelphia Hand Meeting, Philadelphia, PA
- 2005 Natalie Barr Lectureship, American Society of Hand Therapists
- 2004-2009 New Investigator Career Award, Canadian Institute for Health Research
Understanding how characteristics of the patient, injury and health care influence disablement and recovery following a distal radius fracture
- 2004 Dean's Awards of Excellence, University of Western Ontario
Team Award (Research),
Hand and Upper Limb Centre Team
- 2002-2004 Career Scientist, Ontario Ministry of Health and Long-term Care
Health Research Personnel Development Program
- 2003 Student Supervision: McMaster Physiotherapy Programme- Prize for best thesis. Mueller et al: Conservative management of carpal tunnel syndrome: A systematic review.
- 2003 Best Scientific Paper at the American Society of Hand Therapists Annual General Meeting: *The Prevalence of Wrist Ganglia in an Asymptomatic Population: Magnetic Resonance Imaging Evaluation*. Hollywood, CA
- 2001 Best Scientific Paper at the American Society of Hand Therapists Annual General Meeting *Endoscopic versus Open Carpal Tunnel: A randomized Clinical Trial* Nashville, Tennessee.
- 1998 Student Supervision: 1998 London District Ontario Physiotherapy Association Prize for best thesis. The relative effect of age, sex, weight, height and hand size on grip strength in normals. L Geiger and K Carroll. *Physical Therapy*, University of Western Ontario
- 1995-1997 Ministry of Health Fellowship
- 1996 Ann Whitmore Memorial Award, Canadian Physiotherapy Foundation
- 1994 PhD Scholarship, University of Western Ontario, London, Ontario
- 1994 Student Supervision: 1994 London District Ontario Physiotherapy Association Prize for best thesis. Leung K and Nelson J: Reliability of

sensory testing in carpal tunnel patients. Department of Physical Therapy, University of Western Ontario.

- 1994 Ontario Graduate Scholarship, Ministry of Colleges and Universities
- 1993 Ontario Graduate Scholarship, Ministry of Colleges and Universities
- 1992 Admission Scholarship PhD, University of Western Ontario, London, Ontario
- 1991 Ontario Graduate Scholarship, Ministry of Colleges and Universities
- 1990 Graduate Scholarship, University of Western Ontario, London, Ontario
- 1987 London District Physiotherapy Association Book Prize (for best thesis)
- 1987 Canadian Physiotherapy Association Prize (for highest cumulative average from a graduating physiotherapist)
- 1987 Graduated cum laude, University of Western Ontario, London, Ontario
- 1984-87 Dean's List, University of Western Ontario, London, Ontario
- 1986 Faculty Association Prize (for highest achievement in academic and clinical performance)
- 1981 Graduated Magna cum laude from St. Mary's University, Halifax, Nova Scotia
- 1978-81 Dean's List, St. Mary's University, Halifax, Nova Scotia
- 1978-81 Full academic scholarship from St. Mary's University, Halifax, Nova Scotia.
- 1978 Queen Elizabeth II Medal (for highest academic achievement in the graduating class)

CURRENT POSITIONS/APPOINTMENTS

- 2005- Associate Professor
Physiotherapy Program
McMaster University, Faculty of Health Sciences
School of Rehabilitation Science
IAHS 1400 Main St. W, Hamilton, ON L8S 1C7

Research interests: musculoskeletal disability, outcome studies, randomized clinical trials and trial design, development and evaluation of outcome measures; clinical epidemiology; the injured worker, practice surveys, clinical practice guidelines, Knowledge exchange and transfer, computerized evaluation systems, measurement of upper extremity impairment, disability and quality-of-life

2002- Research Coordinator/Physiotherapist
WSIB Upper Limb Speciality Clinic
Hand and Upper Limb Centre
St. Joseph's Health Centre
268 Grosvenor St, London, ON N6A 4V2
519-661-6100 ext. 64636

1993- Co-director Clinical Research Laboratory
Hand and Upper Limb Centre
St. Joseph's Health Centre
268 Grosvenor St, London, ON N6A 4V2
519-661-6100 ext. 64636

ACADEMIC APPOINTMENTS

2005- Associate Professor, School of Rehabilitation Science, McMaster University

2001-05 Assistant Professor, School of Rehabilitation Science, McMaster University

2002- Assistant Professor, Department of Surgery, McMaster University

2001- Assistant Professor, Department of Epidemiology and Biostatistics, University of Western Ontario

2000- Assistant Professor, Department of Surgery, University of Western Ontario

1999- Adjunct Faculty, Department of Physical Therapy, University of Western Ontario

1998-2000 Adjunct, Graduate Studies, Curtin University, Australia

1991 Clinical Associate, Department of Physical Therapy, University of Western Ontario

PREVIOUS EMPLOYMENT - RESEARCH

- 1993-94 Coordinator of Clinical Studies
Physiotherapy Department, Victoria Hospital
London, ON N6G 3A8
- 1981-83 Research Assistant
Applied Physiology Laboratory
Dalhousie University, Halifax, NS

EMPLOYMENT - CLINICAL

- 2002- Hand Therapist- Occasional
WSIB Upper Limb Specialty Clinic
St. Joseph's Health Centre
London, Ontario
- 1997 Relief Coverage - Clinical Specialist in Hand Therapy
Victoria Hospital, London, Ontario
- 1992-93 Hand Therapist
Hand and Upper Limb Centre
St. Joseph's Health Centre
London, Ontario
- 1991-92 Clinical Specialist in Hand Therapy
Victoria Hospital, London, Ontario
- 1987-90 Non-rotating Outpatient Plastics/Hand Therapy
Victoria Hospital, London, Ontario
- 1987 Vascular Surgery/Pre-Rehabilitation
Victoria Hospital, London, Ontario

SCHOLARLY AND PROFESSIONAL SERVICE

External Service

- 2008 MSK Rehabilitation Focus Working Group, an ad hoc working group of the
IMHA Institute Advisory Board (IAB)
- 2008 President-Elect (Elected position), American Society of Hand Therapists

- 2007- Founding member- Hand Therapy Think Tank
- 2007- Member- International Society of Physical Therapy Editors
- 2007 Vice-President (Elected position), American Society of Hand Therapists
- 2006- Clinical Practice Guidelines Task Force, American Physical Therapy Association
- 2007- Member, Physiotherapy Practice Analysis Subject Matter Expert Group
- 2006 Chair, Elections Committee, Canadian Physiotherapy Association
- 2006 Program Committee, American Association for Hand Surgery
- 2006 Secretary-Treasurer (Elected position), American Society of Hand Therapists
- 2005 Secretary-Treasurer Elect (Elected position), American Society of Hand Therapists
- 2005 Scientific and Clinical Papers Chair, Joint American Society of Hand Therapists and American Society of Hand Surgeons Annual Meeting
- 2004- Member JOINTS (Joint Orthopaedic Initiative for National Trials of the Shoulder) Canada
- 2004 Scientific and Clinical Papers Chair, American Society of Hand Therapists Annual Meeting
- 2004-05 Division Director (Research) , American Society of Hand Therapists
- 2003-2004 Chair Research Committee, American Society of Hand Therapists
- 1996- American Hand Therapy Foundation, Secretary
- 1990-2001 Task Force Member-Hand Therapy Certification Commission
- 1994-96 Division Director (Research) The Board of the
- 1995- Board Member, Hand Therapy Foundation

- 1986- Member Canadian Physiotherapy Association, Divisions: Research, Orthopaedics
- 1990- Active Charter Member, American Society of Hand Therapists
- 1990-99 Member Canadian Society of Hand Therapists
- 1992-94 Member Canadian Society of Epidemiology and Biostatistics
- 1993-94 Member American Public Health Association

Internal Service

- 2007- Member, KT Working Group, Faculty of Health Sciences, McMaster University
- 2005-07 Member, PhD Committee, School of Rehabilitation Science
- 2002-07 Member, (interim Chair) Research Committee, School of Rehabilitation Science
- 2002- Member, Evidence-based Practice Working Group, School of Rehabilitation Science
- 2001- Member, PT Council, School of Rehabilitation Science

SCIENTIFIC REVIEWER

Editorial Appointments

- 2007- Associate Editor, (Chair Author Advisory Panel), Journal of Hand Therapy
- 2007- Associate Editor, Journal of Orthopaedic and Sports Physical Therapy

Editorial Board Appointments

- 2007- Open Orthopedics

1993-2007 Journal of Hand Therapy
Guest Editor 2001 Special Issue "The Outcomes Issue"
Guest Editor 2004 Special Issue "Evidence-based Practice"

2003-2007 Journal of Orthopaedic and Sports Physical Therapy

1992-93 Corresponding Editor for Canada; Journal of Hand Therapy

Journal Reviewer

2008 Clinical and Investigative Medicine

2008- Physiotherapy Theory and Practice

2007- The Clinical Journal of Sport Medicine

2004- Journal of Hand Surgery

2002- Journal of Orthopaedic and Sports Physical Therapy

2002- Physiotherapy Canada

2000- Physical Therapy

1993- Journal of Hand Therapy

2006 Arthritis and Rheumatism

2002- Archives of Physical Medicine and Rehabilitation

2006- BMC Musculoskeletal Disorders

2006 - Osteoarthritis and Cartilage

2006 Europa Medicophysica

2006 Korean Journal of Medicine

2006 Pain

2006 Nature - Clinical Practice Neurology

2005 Lancet (Neurology)

2005 Journal of Occupational and Environmental Medicine

2004 The Journal of Rheumatology

2003 Journal of Clinical Epidemiology

1999 International Journal for Quality in Health Care (Guest reviewer)

1993 Canadian Medical Association Journal Reviewer with Department of Epidemiology, UWO

Grant Review

2008 CIHR- Knowledge Translation Committee (Operating Grants Review)

2008 Micheal Smith Foundation (Team Grants)

2007 Arthritis Society-Career Awards

2006- CIHR- Canadian Institutes of Health Research; New Investigator Award Program (Rehabilitation)

2006-07 CIHR- Canadian Institutes of Health Research (IMHA); Strategic Training Initiative in Health Research Training Program Grants to Enhance Quality of Life with a focus on Skin Disease and Musculoskeletal Rehabilitation

2006 United States Army Research, Institute of Environmental Medicine

2005- Physiotherapy Foundation (Canada)

2005 CIHR- Canadian Institutes of Health Research (IMHA)

- i. New Emerging Team Grants
- ii. High-Risk Grants
- iii. Tools

2003 American Society of Hand Therapists, Evelyn Mackin Grant

2003- American Hand Therapy Foundation

2004 American Institute of Biological Sciences, Sterling, VA

2003 Bloorview McMillan Children's Centre Foundation, Toronto, ON

- 2003 Evelyn Mackin Grant, American Society of Hand Therapists, Chicago, IL
- 2003 Parkwood Hospital Research Foundation, London, ON
- 1994-98 Jal Tata Research Fund Review Committee, London, ON

Other Review

- 2006 Technology Review; Canadian Agency for Technologies in Health
- 2006 Book Reviewer, Lippincott, Williams, and Wilkins
- 2006 Abstract Reviewer, American Society of Hand Therapists
- 2006 Reviewer; Cochrane Collaboration (Systematic Reviews)
- 2005 Abstract Reviewer, American Association for Surgery of the Hand
- 2004 Abstract Reviewer, Canadian Physiotherapy Association Annual Conference
- 2000 Treatment Guideline Dupuytren's Disease- American Society of Hand Therapists
- 2000 American Society Surgery of the Hand Poster and Scientific Exhibits Committee

TEACHING

ACADEMIC INSTRUCTION

Graduate

Course Development

- 2008 Musculoskeletal Research Methods, Master of Science, McMaster University
- 2007 Course (KET Modules)- Online and Face to Face PBL for Outcome Measures
- 2006 Course Modules for Diploma in Occupational Medicine: 1. Upper Extremity Musculoskeletal Disorders, Rehabilitation and Return-to-Work

- 2005 Knowledge Exchange and Transfer, CIHR Training Program McMaster University/University of British Columbia, PhD/Masters of Science in Rehabilitation McMaster University. Developed with Faculty
- 2005 Measurement and Evaluation of Quality of Life for Rehabilitation Scientists, CIHR Training Program McMaster University/University of British Columbia, PhD/Masters of Science in Rehabilitation McMaster University. Developed with L Woodhouse, M Law, J Eng
- 2004 Work Organization and Health (with H Shannon) Cross Disciplinary Course, Master of Science, McMaster University
- 2007 Research and Evidence-based Practice CHS 713, Master of Science, McMaster University

Coordinator and Tutor (Course, Program, University, Title of sessions)

- 2001-05 Fundamentals of Physiotherapy Practice- Clinical Laboratory (Upper Quadrant) 612. Master of Clinical Health Sciences, McMaster University
- 2002-07 Research and Evidence-based Practice CHS 713, Master of Clinical Health Sciences, McMaster University (Except 2003)
- 2005 Grant Writing Workshop: Sessions on: Proposal format/structure, Methods-design and description. CIHR Training Program in Quality-of-Life/Rehabilitation, McMaster University

Tutor/Lecturer (Course, Program, University, Title of sessions)

- 2008 Advanced Practice, Master of Science (Rehabilitation). McMaster University. Clinical practice Guidelines: Development and appraisal. (Course Coordinator, L Woodhouse)
- 2006 Professional Issues, Master of Science (Rehabilitation). McMaster University. A scientific approach to innovation in physiotherapy practice (with L Woodhouse)
- 2004- Research Methods, Master of Science (Rehabilitation). McMaster University Clinical Trials: Appraisal and Design .
- 2005- Clinical Trial Design, Graduate Program Health Research Methods. McMaster University Design of the research question.

- 2007 Research Methods, Master of Science (Rehabilitation). McMaster University Systematic Reviews
- 2003 Research Methods, Master of Health Research Methods. McMaster University 1. Disease Indicators/Rates
- 2002- Fundamentals of Physiotherapy Practice- Professional Issues 613. Master of Clinical Health Sciences, McMaster University. Introduction to Evidence-based Practice Levels of Evidence
- 2003-05 Clinical Laboratories CHS 714, Master of Clinical Health Sciences, McMaster University:
1. Application of Clinical Practice Guidelines
- 2003 Research and Evidence-based Practice CHS 713, Master of Clinical Health Sciences, McMaster University:
1. Clinical Trials Design and Critical Appraisal
2. Evaluation of Clinical Practice Guidelines
- 2003 Seminar Series Resident/Fellow Training Program, Hand and Upper Limb Centre, Department of Surgery, University of Western Ontario
1. Overview of Research Design and Statistics
2. Introduction to Evidence-based Practice
- 1997 Outcome Measurement using the SF-36 (Guest lecturer) in Epidemiology/Biostatistics E530: Economic Evaluation of Health Care Technology- Course Manager Dr. Ron Wall.
- 1995, 97, 01 Statistics component: Medical Biophysics 599y - course instructor Dr. J Johnson.

Undergraduate

Course Manager/Sole Instructor

- 1992 PT 350a -Statistics and Research Design for Physical Therapists. Department of Physical Therapy, University of Western Ontario.

Lecturer

- 2002 Obstetrics

- Department of Physical Therapy, University of Western Ontario.
- 2000 Research Design; (1/3 of Health Science 201)
Department of Health Sciences, University of Western Ontario.
- 1992-96 Hand Therapy component - PT
Department of Physical Therapy, University of Western Ontario.
- 1992-96 Splinting component - PT 320
Department of Physical Therapy, University of Western Ontario.
- 1992-96 Obstetrics component- PT335a/b
Department of Physical Therapy, University of Western Ontario.
- 1991 Clinical Associate
Hand therapy component
Physical Therapy in Orthopaedics PT320
Department of Physical Therapy, University of Western Ontario.
- 1991 Clinical Associate
Thermal Agents in Clinical Practice PT243a
Electrotherapeutic Agents in Clinical Practice PT244b
Department of Physical Therapy, University of Western Ontario.
- 1991 Clinical Associate
Obstetrics component- PT335a/b
Department of Physical Therapy, University of Western Ontario.
- 1990 Management of hand injured patients. PT350
Department of Physical Therapy, University of Western Ontario.
- 1988 Obstetrics component- PT345
Department of Physical Therapy, University of Western Ontario.

Physical Therapy 491Y Literature Review Projects Supervised (Total 5)

- 1998 Smith B: Normal goniometric values for the upper extremity.
- 1996 Lee A: Efficacy of post-natal exercise in restoring abdominal and perineal muscle strength.
- 1993 Driedger S: A critical review of hand CPM; Department of Physical Therapy, University of Western Ontario.

- 1992 The use of TENS in labour. Department of Physical Therapy, University of Western Ontario.
- 1991 The effect of exercise during pregnancy. Department of Physical Therapy, University of Western Ontario.

GRADUATE STUDENTS

GRADUATE STUDENT SUMMARY

Graduate Supervision: **Post-docs:** 1 in progress
PhD: 9 in progress
MSc: 6 completed, 5 in progress;
MSc (Clinical MSc Projects): 16 completed, 2 in progress

Graduate Advisor: **PhD:** 1 complete, 2 in progress
MSc: 5 complete, 2 in progress

Undergraduate or Medical Resident Research Supervisor: 33 completed; 1 in progress

External Graduate PhD and MSc Examinations: 15 completed

GRADUATE STUDENT SUPERVISION

Listed by degree, granting university, *thesis title*, Student name (*Funding*) (Current position).

Post-doctoral Supervisor

2008- School of Rehabilitation Science McMaster University
Clinical research on shoulder disability. – JS Roy (Funded by CIHR Team Development Grant)

Graduate PhD Supervisor

2008- PhD, Biostatistics and Epidemiology, McMaster University
Risk for adverse events with neck manipulation. – L Carlesso (Funded by CIHR QoL Training Program)

2008- PhD, Rehabilitation Sciences, McMaster University
Risk for falls after a distal radius fracture: A rehabilitation intervention . – S Mehta (Funded by CIHR QoL Training Program; CIHR Community Alliance KT grant)

2008- PhD, Rehabilitation Sciences, McMaster University
Geospatial analysis for analysis of risk in complex upper extremity workers. – A Mir. (Funded by CIHR QoL Training Program; CN Scholarship)

2008- PhD, Physical Therapy, University of Western Ontario
The effect of physical therapy dosage and hydrotherapy on rotator cuff outcomes: A factorial design. A Appunini

2007 PhD, Rehabilitation Sciences, McMaster University

Evaluating the health information needs and utilization of resources by injured workers, clinicians and knowledge brokers. – L Daraz. (Funded by CIHR Quality of Life Training Program Fellowship; F. Leonard Symes Training Fellowship in Work and Health - The Institute for Work and Health: CIHR Banting and Best Fellowship)

- 2005- PhD, Physical Therapy, University of Western Ontario
Development of a predictive tool for chronic pain following whiplash injury. D Walton. (Funded by CIHR Fellowship)
- 2006- PhD, Physical Therapy, University of Western Ontario
The effect of laser on bone healing and functional outcome: a randomized trial. - S Bashardoust.
- 2005 PhD- Research Practicum, CIHR Training Program-Rehabilitation, University of British Columbia
The impact of gender on injury patterns and disablement following a distal radius fracture: A cohort study. J Harris (PhD Candidate UBC)

Graduate MSc Supervisor

- 2008 - MSc, School of Rehabilitation Science, McMaster University
Defining carpal tunnel pain and the risk for chronicity - N Gandhi
- 2008 - MSc, School of Rehabilitation Science, McMaster University
Development of self-report measure for chronic regional pain of the upper extremity - T Packham (just starting; in clinical practice)
- 2008 - MSc, Physical Therapy, University of Western Ontario
Evaluation of shoulder disability questionnaires and impairment measures - L Khadilkar (just starting; in clinical practice)
- 2006- MSc, Clinical Epidemiology, Harvard
Development of a Quality of Life Scale for Post-Mastectomy Breast Reconstruction – C Temple (surgeon)
- 2006- 08 MSc, School of Rehabilitation Science, McMaster University
Reliability and validity of the FIT-HanSA in patients with shoulder pathology- P Kumta (Clinician,India)
- 2005- MSc, School of Rehabilitation Science, McMaster University
Reliability and validity of the Work Limitations Scale in upper extremity and neck disorders- R Kirkwood. (Private practice Chiropractor)

- 2004-06 MSc, Epidemiology, University of Western Ontario
Factors affecting outcome in extra-articular distal radius fractures: A cohort study. R Grewal (Surgeon/ Hand and Upper Limb Centre, University of Western Ontario)
- 2002-04 MSc, Physical Therapy, University of Western Ontario
The epidemiology of injuries treated within an autoplant-based physiotherapy clinic over 10-years. J Sadi (Owner Full Motion Physiotherapy)
- 2001-04 MSc, Medical Education, University of Chicago
A comparison of generic and rotation specific forms for the assessment of orthopaedic resident performance. K. Faber. (Surgeon/Consultant Hand and Upper Limb Centre)
- 2000-02 MSc, Physical Therapy, University of Western Ontario
Reliability and validity of vibrometry in diagnosis of carpal tunnel syndrome. M. Hubbard. (Physiotherapist in US)
- 1998 - 2000 MSc, Hand therapy Curtin University, Perth, Australia
Effectiveness of silicone gels in management of scarring in the hand post-operatively. C. McOwan. (Lecturer- Curtin University, Australia)

Graduate (Clinical) Master's Project Supervisor

- 2008 MSc, Physical Therapy McMaster University
Score comparisons and cognitive interviews to assess retest reliability in the Neck disability index.
- 2007-09 MSc, Physical Therapy University of Western Ontario
Score comparisons and cognitive interviews to assess retest reliability in the PRWE in patients with distal radius fractures. H Bola, S Cioroch
- 2006-07 MSc, Physical Therapy University of Western Ontario
The psychometric properties of tennis elbow self-report outcome scales: A systematic review. A Bregman
- 2006-07 MSc, Physical Therapy University of Western Ontario
A survey of practice patterns and beliefs in rehabilitation of elbow fractures. A Kieffer

- 2006-07 MSc, Physical Therapy University of Western Ontario
The diagnostic accuracy of diagnostic tests for wrist instability: A systematic review. S Cecile, A Dertinger, L Douglas, K Gilbert.
- 2006-07 MSc, Physical Therapy University of Western Ontario
The use of outcome measures in ulnar nerve compression studies as linked to an ICF framework: A systematic review. J Cowan, K Harvey, A Summers, M Wonderham
- 2006-07 MSc, Physical Therapy University of Western Ontario
The psychometric properties of the Neck Disability Index: A systematic review. S Avery, A Blanchard, E Etruw, C McAlpine, D Walton (PhD Trainee)
- 2005-06 MSc, Physical Therapy, McMaster University
The work experience of female firefighters. Buckman S, Davis B, Mathews T, Viola C.
- 2005-06 MSc, Physical Therapy, McMaster University
Concurrent validity of dynamometers that measure neck strength. Klyne L, Sommerfeldt S, Weiss, A.
- 2005-06 MSc, Physical Therapy, McMaster University
Cold intolerance testing in patients with neck pain. Bridgelal N, Rich S, Richardson J (Physiotherapists)
- 2005-06 MSc, Physical Therapy, McMaster University
Cold intolerance testing in patients with peripheral nerve injury. Goring L, Kasaboski J, Rowling N, Smith S, Yates L.
- 2005-06 MSc, Physical Therapy, McMaster University
Identification of personal work factors that influence the development of upper extremity disorders in keyboarders. S Hamlin, S Nielsen, M Paularinne, K Munshaw, H Lawrence. (All currently in clinical physiotherapy positions in Ontario).
- 2005-06 MSc, Physical Therapy, McMaster University
Development of a functional test for the shoulder: S-FIVE. M Ghobrial, T Tsui, K Badra Quirion, M St. Amour. (All currently in clinical physiotherapy positions in Ontario).
- 2002-03 MSc, Physical Therapy, McMaster University
A systematic review of the role of rehabilitation in management of carpal tunnel syndrome. M Mueller, R Schnurr, L Biddulph-Desiroth. (All currently in clinical physiotherapy positions in Ontario).

- 2002-03 MSc, Physical Therapy, McMaster University
A systematic review of the role of rehabilitation in management of shoulder instability. K Gibson, E Wray, A Growse. (All in clinical physiotherapy positions in Ontario).
- 2002-03 MSc, Physical Therapy, McMaster University
A systematic review of the role of rehabilitation in management of lateral epicondylitis. J Duley, I Zastow, E Kerr, D Trudell, R Davidson. (All currently in clinical physiotherapy positions in Ontario).
- 1999 MCISc, Occupational Therapy, University of Western Ontario
Reliability of Elbow Questionnaires. D. Gauthier (clinical occupational therapy position in Ontario).
- 1999 MCISc, Occupational Therapy, University of Western Ontario
Reliability of two devices in measurement of scar compliance. C. Craig and C. Kilroy. (Both in clinical physiotherapy positions in Ontario).

GRADUATE EXAMINATIONS

- 2006 PhD (Interdisciplinary Studies- Orthopaedics), Faculty of Graduate Studies, University of British Columbia. External Examiner – Should we be moving towards early controlled mobilization of extra-articular hand fractures in BC? – Lynne Feehan
- 2006 MSc (Kinesiology), Faculty Of Health Sciences, University of Western Ontario. Internal Examiner – Prognostic Validity Of Physical Examination Maneuvers For Shoulder Pathology: A Systematic Review And Meta-Analysis – Lyndsay Somerville
- 2006 MSc (Rehabilitation Science), Department of Health Sciences, University of Toronto. External Examiner – Lynda McClatchie
- 2006 MSc (Rehabilitation Science), Department of Health Sciences, University of Toronto. External Examiner – Physical Therapy Students Perceptions of Injured Workers. JM Piccinin
- 2005 MSc (Rehabilitation Science), Department of Health Sciences, University of Toronto. External Examiner – The Quadriplegia Hand Assessment Tool (Q-HAT). The Development of a Clinical Assessment Measure of the Hand for the Cervical Spinal Cord Injured individual- S Kalsi-Ryan

- 2005 MSc (Epidemiology), Department of Epidemiology/Biostatistics, University of Western Ontario. Internal Examiner – The Orthopaedic Management of Primary Traumatic Anterior Shoulder Dislocation: A Review and Novel Clinical Trial – D Whelan
- 2005 MSc (Physical Therapy), Department of Physical Therapy, University of Western Ontario. Internal Examiner – Responsiveness of Measures Following Total Knee Arthroplasty- T Seely
- 2005 MSc (Rehabilitation Science), Department of Health Sciences, University of Toronto. External Examiner – The Use of Clinical Practice Guidelines for Knee Osteoarthritis by Physiotherapists- MC Fraser Saxena
- 2003 MSc (Rehabilitation Science), Department of Health Sciences, University of Toronto. External Examiner - *Analysis and Modification of the Test Evaluamt Les Membre Superieurs Des Personnes Agees (TEMPA) for Use in an Adult Hand Program* -L Kelly
- 2003 MSc, (Epidemiology)Department of Health Sciences, University of Toronto. External Examiner - *Development of diagnostic criteria for Carpal Tunnel Syndrome* - B Graham.
- 2002 PhD, School of Physiotherapy, University of South Australia. External Examiner- *An Instrument That Assesses ADLs Following a Wrist Disorder: Development and Preliminary Testing*- A Bialocerkowski
- 2002 MSc, School of Rehabilitation Science, McMaster University. External examiner - *The development and evaluation of a new self-report pain intensity scale.*- G Spadoni.
- 2001 PhD, Department of Health Sciences, University of Toronto. External Examiner - *Patient Satisfaction with Hand Surgery* - P Hudak
- 2001 PhD, Department of Community Health, University of Toronto. External Examiner - *Clinical Tests in Carpal Tunnel Syndrome* - B Faught
- 2000 PhD, Applied Health Sciences, University of Western Ontario. Internal Examiner - *The effect of knee bracing on proprioception and balance.* T. Birmingham.

Graduate Advisor

- 2007- PhD, Kinesiology, McMaster University

Biomechanical and motor control factors in rotator cuff disease. J Keir
(Current student)

- 2006-08 MSc, School of Rehabilitation Science, McMaster University
The effectiveness of heat/cold in mechanical neck disorders; A cochrane systematic review. – N Graham. (COGS Cochrane review panel).
- 2005-07 MSc, School of Rehabilitation Science, McMaster University
The effect of using the Canadian Occupational Performance Measure during inpatient rehabilitation on patient satisfaction and functional outcomes. - H Colquhoun. (CIHR Quality-of-Life Training Program) (PhD Student).
- 2004-06 MSc, School of Rehabilitation Science, McMaster University
Validation of the Lower Extremity Functional Scale on in-patients attending an orthopaedic rehabilitation program. – T Yeung. (Pursuing PhD- Toronto).
- 2005-08 MSc, School of Rehabilitation Science, McMaster University
Reliability and validity of the FIT-HaNSa (Functional Impairment Test – Hand, Neck, Shoulder, Arm) Test in Neck Pain – C McPhee. (Clinical Physiotherapist).
- 2002-03 MSc, Department of Clinical Epidemiology and Biostatistics, McMaster University
A Comparison of Classification Systems for Upper Limb Musculoskeletal Disorders- DL Van Eerd (Research Associate – Institute for Work and Health).
- 1999 -03 PhD, Epidemiology/Biostatistics, University of Western Ontario
The epidemiology of lost work time upper extremity injuries in Ontario workers during 1997 with emphasis on cumulative trauma disorders. D. Zakaria. (Analysts-CIHI).
- 1995 - 1997 MSc, Physical Therapy, University of Western Ontario
Strength and pain measures associated with lateral epicondylitis bracing. J. Wouri (Physiotherapist).
- 1994 - 1995 MSc, Physical Therapy, University of Western Ontario
Reliability of isometric to isokinetic torque ratios in knee extensors. T. Birmingham. (Assistant Professor- University of Western Ontario).

MEDICAL/REHABILITATION RESIDENT or UNDERGRADUATE CLINICAL RESEARCH SUPERVISION (funding; current position)

- 2008- MD, University of Western Ontario
Recovery following nerve repair. Y Lin (Salary awarded by University of Western Ontario SRTP Program \$8800). (Medical Student)
- 2006 - 08 MD, University of Western Ontario
Physician decision-making in injured workers speciality clinics: A qualitative study. Adam Katchley. (Salary awarded by University of Western Ontario SRTP Program \$8800). (Medical Student)
- 2002 - 04 MD, University of Western Ontario
Outcome following Metacarpophalangeal arthroplasty. (Salary awarded by University Of Western Ontario SRTP Program \$8800). Tina LeFrancois (Medical Student)
- 2002 - 04 MD, University of Western Ontario
Standardization of measuring shoulder outcomes. Brent Lanting. (Salary awarded by University Of Western Ontario SRTP Program \$8800). (Medical Student)
- 2002 MD, Queens University
The outcome following rotator cuff repair. Deenesh Sahajpal
Awarded best paper at Dept of Surgery Research Day, Queens. University 2002. (Orthopaedic Surgeon, Queens University)
- 2002 - 2004 MD, University of Western Ontario
The outcome following tendon interposition arthroplasty in patients with arthritis of the carpometacarpal joint. Rob Humphrey. (Salary awarded by University Of Western Ontario SRTP Program \$8800). (General Surgeon, University of Western Ontario)
- 2001 - 2003 MD, University of Western Ontario
Scoring and interpretation of the ASES elbow questionnaire; Comparison of responsiveness between instruments. Yousef (Salary awarded by University Of Western Ontario SRTP Program \$8800); (Radiologist, University of Western Ontario)
Awarded Keith and Greta Thompson Research Award (for best paper). SRTP Program 2002.
- 2001-2002 BScPT, University of Western Ontario
Reliability of three tests methods in performing inclinometry in measurement of lumbar flexion and extension. A Soo (Clinical Physiotherapist)

- 2000 - 2001 BScPT, University of Western Ontario
Rotator cuff pathology: Strength and function. J. Ramos. (Clinical Physiotherapist)
- 2000 - 2001 MD, University of Western Ontario
A cohort study of comminuted distal radius fracture. . (Salary awarded by University Of Western Ontario SRTP Program \$8800). (Orthopaedic Surgeon, University of Western Ontario)
- 1999 - 2000 BScPT, University of Western Ontario
Reliability and validity of the Modified Schober's test and inclinometry in measurement of lumbar flexion and extension. R. Gandhi, K. Carroll (Clinical Physiotherapists)
- 1998 - 2000 MD, University of Western Ontario
Complications after distal radius fracture
S. McKay. Salary attached by University Of Western Ontario \$8800. (Family practitioner, Ontario)
- 1998 - 1999 BScPT, University of Western Ontario
The relative effect of age, sex, weight, height and hand size on grip strength in normals. K. Geiger, L. Farrell (Clinical Physiotherapists)
- 2000 Pgy I Orthopaedics, University of Western Ontario
Outcome after intra-articular fractures of the humerus
W. Gofton (Fellow; Orthopaedic Surgery, University of Western Ontario)
- 2000 Pgy 4 Orthopaedics, University of Western Ontario
Single versus double incision repair of biceps ruptures: A prospective study.
R. Elway (Surgeon)
- 2000 Pgy I Orthopaedics, University of Western Ontario
Outcome of metallic radial head arthroplasty for chronic joint problems. N. Duggal (Orthopaedic Surgeon, BC)
- 1999 Pgy 4 Orthopaedics, University of Western Ontario
Outcome of pi-plating in distal radius fractures. J. Werier (Orthopaedic Surgeon, US)
- 1999 Pgy 4 Orthopaedics, University of Western Ontario
Outcome after radial head replacement with metal arthroplasty.
J. Moro. (Orthopaedic Surgeon, Hamilton, ON)

- 1999 Pgy 3 Orthopaedics, University of Western Ontario
Outcome after plating of olecranon fractures. C. Bailey. (Orthopaedic Surgeon, UWO)
- 1998 - 1999 BScPT, University of Western Ontario
Comparison of a computerized hand-held dynamometry and the LIDO for assessment of shoulder strength. M. Orton, T. Tran. (Clinical Physiotherapists)
- 1998 - 1999 BScPT, University of Western Ontario
Comparison of traditional and computerized pinch meters. M. Evenhuis, W. Louzon. (Clinical Physiotherapists)
- 1998 - 1999 BScPT, University of Western Ontario
The relationship between strength and function after distal radius fracture. R. Janicki, T. Nailor. (Clinical Physiotherapists)
- 1997 - 1998 BScPT, University of Western Ontario
The relationship between impairment and disability in patients with total elbow arthroplasties. S. Nenshi, C. Farrer. (Clinical Physiotherapists)
- 1997 MD, University of Western Ontario
Determination of outcome and factors, which determine outcome in patients with rotator cuff pathology. T. Getahun. Salary attached by University Of Western Ontario \$8800. (Orthopaedic Surgeon, Ottawa)
- 1997 MD, University of Western Ontario
Hemi-versus total arthroplasty of the shoulder: Comparative outcomes. D. Reid. (Unknown)
- 1997 MD, University of Western Ontario
One-year outcome of distal radius fracture. A.M. Marinescu. (Unknown)
- 1997 MD, University of Western Ontario
Individual digit strength after tendon and bone injury in the hand. S. MacKillop. Salary attached by University Of Western Ontario \$8800. (Unknown)
- 1997 MSc Health Science, University of Western Ontario
Effect of the posterior cruciate ligament in knee-joint proprioception in total knee arthroplasty. P.J. Lattanzio. (Unknown)
- 1996 BScPT, University of Western Ontario
Accuracy of the rapid exchange grip test in identification of feigned grip effort.

D. Carr, J. Juras. (Clinical Physiotherapists)

- 1996 MD, University of Western Ontario
Outcome after distal radius fractures. Salary attached by University Of Western Ontario \$8800. T. Turgeon (Orthopaedic Surgeon, B.C.)
- 1996 MD, University of Michigan
Outcome after rotator cuff surgery: major versus simple repairs.
P. Donaldson. (Unknown)

SCIENCE UNDERGRADUATE RESEARCH SUPERVISION (funding; current position)

- 2008 BSc, McMaster University
Measuring Shoulder Endurance. B Ho
- 2008 BSc, McMaster University
The Reliability and Validity of Threshold Detection Sensibility Evaluations: Current perception threshold, PSSD and Vibration
- 2008 BSc, McMaster University
The Reliability and Validity of Functional Sensory Evaluations: Moberg Pick-up and Shape Texture Identification S Ham , I Chan and J Wang
- 2008 BSc, McMaster University
Reliability of Intrinsic Strength Assessment Protocols and Devices Research.
- 2008 BSc, McMaster University
The impact of short term pressure at the carpal tunnel on sensibility and strength. Johnathan Li
- 2007-8 BSc, McMaster University
The Reliability of Pressure and Current based Pain threshold and tolerance testing.
- 2007 BHSc, McMaster University
Pain Measures for Clinical Research. (Funded by CIHR Studentship \$5000).
Robyn Traynor (Master's Trainee in Neuroscience)
- 2006 BHSc, McMaster University

Sensory Deficits in Neck Pain. (Funded by CIHR Studentship \$5000). Astra Teo (Medical Student, Toronto)

1997 BSc Biophysics, University of Western Ontario
Development and application of a portable elbow torque meter for clinical use.
E. Greenspoon. (Engineer Auto industry)

RESEARCH

FUNDING SUMMARY

Career Awards: 1 completed, 1 in progress

External Peer-reviewed Research Grants: 46 granted (16 PI operating; 1 training grant; 1 team development grant); 36 completed, 7 in progress,

Other Grants: 6 granted; 6 completed

EXTERNAL CAREER AWARDS

1. Funding Agency: Canadian Institutes of Health Research (CIHR) - New Investigator
Amount: 300,000 (\$50,000/year + benefits)
Funding Period: 2004-09
Department where funds are held: McMaster University, Hamilton, ON
Award #MSH - 69129
2. Funding Agency: The Ministry of Health (Ontario) - New Investigator
Amount: \$100,000 (\$50,000/year + benefits)
Funding Period: 2002-04
Department where funds are held: McMaster University, Hamilton, ON

EXTERNAL RESEARCH GRANTS (49 Total) (trainees underlined)

49. Funding Agency: Canadian Institute of Health Research (Operating)
Amount: \$241618
Funding Period: 2009-2011
Department where funds are held: McMaster University, Hamilton
Project Title: Identification of Risk of Adverse Activity Transition Following a Distal

Radius Fracture

PIs: **MacDermid JC**, Grewal R

Co-investigators: McIntyre N, Richardson J

48. Funding Agency: The Department of Surgery Research Fund, McMaster University
Amount: \$15,000
Funding Period: 2008-09
Department where funds are held: McMaster University
Project Title: The impact of waiting for carpal tunnel surgery: A Cohort Study.
PI: MacDermid JC, Levis CI
Co-Investigators: MacHAND
47. Funding Agency: The Program for Interprofessional Practice, Education and Research (PIPER)
Amount: \$6,000
Funding Period: 2008-09
Department where funds are held: McMaster University
Project Title: MacHAND Interprofessional Evidence-based Clinical Education.
PI: MacDermid JC, Levis CI
Co-Investigators: MacHAND
46. Funding Agency: The American Foundation for Surgery Of The Hand
Amount: \$20,000
Funding Period: 2008-09
Department where funds are held: Hand and Upper Limb Centre
Project Title: The Treatment of Distal Radius Fractures In Patients >65: A Prospective Randomized Trial.
PI: R Grewal
Co-Investigators: King GJ, **MacDermid JC**
45. Funding Agency: Academic Development Fund, University of Western Ontario
Amount: \$8407
Funding Period: 2008-09
Department where funds are held: Hand and Upper Limb Centre
Project Title: Vascularized versus Non-Vascularized Bone Grafting in the Treatment of Scaphoid Non-Unions: A prospective randomized trial.
PI: R Grewal
Co-Investigators: Ross D, Temple LF, **MacDermid JC**
44. Funding Agency: Physiotherapy Foundation of Canada Alun Morgan Fund

Amount: \$5000
Funding Period: 2008-2009
Department where funds are held: University of Western Ontario, London
Project Title: Validation of a new prognostic tool for acute Whiplash-associated disorder
PI: Walton,D
Co-investigators: **MacDermid JC**, Teasell R, Nielson W, Reese H, Levesque L, Nailer T, Toland J.

43. Funding Agency: Canadian Institute of Health Research (Operating)
Amount: \$2,500,000
Funding Period: 2008-2013
Department where funds are held: McMaster University, Hamilton
Project Title: Community alliances for health research and knowledge exchange in pain.
PI: Henry J
Co-investigators: Lefort SM, Solberg S, Watt-Watson JH, Hadjistavropolous T, Taener PA, Hunter J, McGillion M, Lax L, Gordon A, **MacDermid JC**, Lavis J, Woodhouse L, Rashiq S, Li L, Tugwell P, Law M, Solomon PE
42. Funding Agency: Lawson Research Institute
Amount: 14,000
Funding Period: 2007-09
Department where funds are held: Hand and Upper Limb Centre
Project Title: Vascularized versus Non-Vascularized Bone Grafting in the Treatment of Scaphoid Non-Unions: A prospective randomized trial.
PI: R Grewal
Co-Investigators: Ross D, Temple LF, **MacDermid JC**
41. Funding Agency: Canadian Institute of Health Research (Operating)
Amount: \$220,344
Funding Period: 2007-09
Department where funds are held: McMaster University, Hamilton
Project Title: Defining the effect and mediators of two knowledge translation strategies designed to alter knowledge, intent and clinical utilization of rehabilitation outcome measures
PI: **MacDermid JC**
Co-investigators: Law M, Solomon P, Stratford P
40. Funding Agency: Canadian Institute of Health Research (New Emerging Team Grant)
Amount: \$100,000
Funding Period: 2007-2008
Department where funds are held: McMaster University, Hamilton
Project Title: TEAM-WORK: Targeted Evaluation and Management of Work,

Orthopedics, Rehabilitation & Knowledge-translation

PI: **MacDermid JC**, Beaton D

Co-investigators:

Award #: QDG-83237

39. Funding Agency: UWO Department of Surgery Research Fund Competition
Amount: \$19,723
Funding Period: 2007-2009
Department where funds are held: University of Western Ontario, London
Project Title: Instrument development for patient satisfaction with breast reconstruction
PI: Temple C
Co-investigators: Ross D, **MacDermid JC**
38. Funding Agency: Canadian Institute of Health Research
Amount: \$608,555
Funding Period: 2007-2010
Department where funds are held: McMaster University, Hamilton
Project Title: All-arthroscopic or mini-open repair of a rotator cuff tear (A randomized trial)
PI: **MacDermid JC**
Co-investigators: Holtby R, Razmjou H, Bryant D, Mohtadi,N, Balyk R, Leith J, Lo IK, MacDonald P, McCormack RG, Faber KJ, Dyke C, Walker R, Moro J, Koru-Sengul T
Award # MCT - 82335
37. Funding Agency: WSIB.
Amount: \$49,719
Funding Period: 2007
Department where funds are held: University of Western Ontario, London
Project Title: Establishing Knowledge Exchange and Translation partnerships at work
Investigators: Shaw L, **MacDermid JC**, Anita Kothari, Andrea Duncan
36. Funding Agency: Neuro Group Inc.
Amount: \$316,000
Funding Period: 2007-2009
Department where funds are held: Canadian Memorial Chiropractic College, Toronto and McMaster University, Hamilton
Project Title: The Efficacy of the IntereX5000 in the Treatment of Chronic Neck.
Co-PI: Triano J, CMCC and Woodhouse L
Co-Investigators: Galea V, Injeyan SH, **MacDermid JC**, McGregor M, Pierrynowski M, Ruegg R, Teodoroczyk JA
35. Funding Agency: Physician Services Inc.
Amount: \$156,000

Funding Period: 2006-2008

Department where funds are held: Orthopaedic and Arthritis Institute, Toronto

Project Title: Piloting the Expertise-based Trial in Shoulder Surgery: Mini-Open versus Arthroscopic Rotator Cuff Repair

Investigator: Holtby R, **MacDermid JC**, Razmjou H

34. Funding Agency: Canadian Institute of Health Research (KET Call)
Amount: \$100,000
Funding Period: 2006
Department where funds are held: McMaster University, Hamilton
Project Title: Defining the effect and mediators of two knowledge translation strategies designed to alter knowledge, intent and clinical utilization of rehabilitation outcome measures
PI: **MacDermid JC**
Co-investigators: Law M, Russell D, Solomon P, Stratford P
Award # KTE - 79186
33. Funding Agency: Ontario Rehabilitation Research Advisory Network
Amount: \$90,000
Funding Period: 2005-08
Department where funds are held: University of Toronto
Project Title: Theme Leaders: Musculoskeletal Rehabilitation
Co Principal Investigators (Co-theme Leaders): Switzer-McIntyre S, Beaton D, **MacDermid JC**
32. Funding Agency: Ontario Rehabilitation Research Advisory Network
Amount: \$15,000
Department where funds are held: McMaster University (1/3)
Project Title: Identification of personal and work factors that influence development of upper extremity musculoskeletal disorders in keyboarders: Pilot Testing Internet-based Data Collection
Investigator: **MacDermid JC**, McLean L, Jakobi JM
31. Funding Agency: Physician Services Inc.
Amount: \$77,600
Funding Period: 2006-08
Department where funds are held: Hand and Upper Limb Centre, St. Joseph's Health Centre, London
Project Title: An empirical model of disablement following distal radius fracture
Investigator: Faber K, **MacDermid JC**
30. Funding Agency: Workers Safety and Insurance Board
Amount: \$287,332.92
Funding Period: 2005-07

Department where funds are held: St Michael's Hospital
Project Title: Managing the "tail of the curve": The course, predictive factors and work-related outcomes of injured workers one year after attending the WSIB Specialty Clinics for upper limb disorders.
Investigators: Beaton DE, **MacDermid JC**, Richards R, Franche RL, Cote P, Hogg-Johnson S, Bombardier C, Pagura S

29. Funding Agency: Workers Safety and Insurance Board
Amount: \$118,304
Funding Period: 2005-07
Department where funds are held: McMaster University, Hamilton, ON
Project Title: Modeling Health and Workout Comes Following a Work-Related Upper-Extremity Disorders: The Role of Person, Injury, Work Demands, and Work Organization
Investigators: **MacDermid JC**, Shannon H, McMurtry R, Amick B, Roth JH
28. Funding Agency: Canadian Foundation for Innovation (Training Grant)
Amount: \$1,800,000
Funding Period: 2002-2007
Department where funds are held: McMaster University
Project Title: Rehabilitation Research Training Program – Developing and Using Rehabilitation Research Evidence to Enhance Quality of Life
Primary Investigators: Law M, **MacDermid JC**, Eng J
Co- investigators: Beattie B, Dyck I, Goldsmith C, Kopec JA, Liang MH, Shannon HS, Wessel J
27. Funding Agency: Ontario Rehabilitation Research Network
Amount: \$11,000
Funding Period: 2004
Department where funds are held: McMaster University
Project Title: Identification of personal and work factors that influence development of upper extremity musculoskeletal disorders in keyboarders
Investigator: **MacDermid JC**, McLean L, Jakobi JM
26. Funding Agency: Canadian Foundation for Innovation (New opportunities)
Amount: \$34,092
Funding Period: 2002-2007
Department where funds are held: McMaster University
Project Title: Operations and Maintenance in Support of New Opportunities Project # 6946
Investigator: **MacDermid JC**
25. Funding Agency: American Association for Electrodiagnosis
Amount: \$48,000

Funding Period: 2004-2007

Department where funds are held: University of Western Ontario

Project Title: The natural history of ulnar

Investigator: Doherty T, Brown M, **MacDermid J**

24. Funding Agency: Canadian Institutes of Health Research
Strategic Training Program
Amount: \$4930
Funding Period: November 2003- February 2004
Department where funds are held: McMaster University
Project Title: Rehabilitation Research Training Centre- Developing and Using
Rehabilitation Research Evidence to Enhance Quality of Life
Principal Investigators: Law MC, **MacDermid JC**, Eng JJ
Award #:QTA-68724
23. Funding Agency: Canadian Institutes of Health Research
Research Program Development
Amount: \$69,861
Funding Period: 2003-04 (1 year)
Department where funds are held: McMaster University
Project Title: Work organization and prevention of illness and injury
Principal Investigators: Shannon S, Lewchuk WA, **MacDermid JC**, Westmorland MG
Co-Applicants: Baba V, Baines D, Baumann A, Denton M, Haines A, Lachinger H,
Lohfield-Uzunoz E, Shain M, Williams R, Zeytinoglu I
Award # IPS-62629
22. Funding Agency: Lawson Research Institute (In part Doris Mary Anderson Fund for
Geriatric Research)
Amount: 14,000
Funding Period: 2003-05
Department where funds are held: Hand and Upper Limb Centre
Project Title: The Role for Hydrotherapy in Treatment of Frozen Shoulder: Pilot Study
for a Randomized Clinical Trial.
Investigators: Drosdowech D, **MacDermid J**, Faber K
21. Funding Agency: Hamilton Hospital Assessment Centre
Amount: \$11,089
Funding Period: 2003-04
Department where funds are held: McMaster University
Project Title: A pilot study to examine the test-retest reliability of a novel performance
outcome measure, the neck-walk index, for patients with neck pain or stiffness.
Investigators: Pierrynowski M, Gross A, **MacDermid J**, Galea V, McLaughlin L,
McPhee C, Graham N

20. Funding Agency: Physiotherapy Foundation of Canada - Alun Morgan Memorial Research Fund
Amount: \$4000
Funding Period: 2003-04
Department where funds are held: McMaster University
Project Title: The role of quantitative sensory testing in diagnosis and evaluation of mechanical neck disorders.
Investigators: **MacDermid J**, Galea V, Gross A, Graham N, McPhee C, McLaughlin L, Pierrynowski M,
19. Funding Agency: Canadian Institutes of Health Research Centres for Research Development (Phase 2)
Amount: \$10,000
Funding Period: 2003 (4 months) to Fund full proposal to Stage 2 review
Department where funds are held: McMaster University
Project Title: Work organization and prevention of illness and injury
Principal Investigators: Shannon S, Lewchuk WA, **MacDermid JC**, Westmorland MG
Co-Applicants: Baba V, Baines D, Baumann A, Denton M, Haines A, Lachinger H, Lohfield-Uzunoz E, Shain M, Williams R, Zeytinoglu I
Award # IPS - 62629
18. Funding Agency: Workers Safety and Insurance Board
Amount: \$24,750
Funding Period: 2003
Department where funds are held: Hand and Upper Limb Centre, London, ON
Project Title: Systematic review of management of work-related upper extremity disorders
Investigators: **MacDermid JC**, Roth JH
17. Funding Agency: Canadian Physiotherapy Association
Amount: \$1000
Funding Period: 2003-04
Department where funds are held: McMaster University
Project Title: Promoting effective manual therapy for patients with mechanical neck disorders.
Investigators: McPhee C, Galea V, Graham N, **MacDermid J**, McLaughlin L, Pierrynowski M
16. Funding Agency: Workers Safety and Insurance Board
Amount: \$137,864.50
Funding Period: 2002-04
Department where funds are held: Hand and Upper Limb Centre, London, ON
Project Title: The impact of waiting for rotator cuff surgery.
Investigators: **MacDermid JC**, Faber K, Drosdowech D

15. Funding Agency: Physician Services Inc.
Amount: \$86,700
Funding Period: 2003-05
Department where funds are held: Hand and Upper Limb Centre, St. Joseph's Health Centre, London
Project Title: Open Reduction External Fixation Versus Arthroscopic Reduction and External Fixation in Distal Radius Fractures: a Randomized Trial
Investigator: Faber K, **MacDermid JC**
14. Funding Agency: Canadian Foundation for Innovation/Ontario Innovation Trust
Amount: \$325,000
Funding Period: 2002
Department where funds are held: McMaster University
Project Title: Establishing an Upper Extremity Clinical Research Lab for Partnerships in Surgery, Rehabilitation and Occupational Medicine
Investigator: **MacDermid JC**
13. Funding Agency: Physiotherapy Foundation/ Ontario and Canadian Physiotherapy Association (co-funded)
Amount: \$18,000
Funding Period: 2002-03
Department where funds are held: University of Toronto, Ontario
Project Title: The Quality of Clinical Practice Guidelines in Physical Therapy.
Investigators: Brooks D, **MacDermid JC** , Switzer-McIntyre S, Solway S
12. Funding Agency: IMAGINutrition/ Meta Response Sciences
Amount: \$44,320
Funding Period: 2000-01
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: A Randomized Trial on the Use of Astaxanthin as an Adjunct in the Treatment of Carpal Tunnel Syndrome.
Investigators: Gan BS, Ross DC, **MacDermid JC**, Roth JH, Richards RS, Faber K, King GJK, Miller T, Howard JC, Ernest C, Almedia A
11. Funding Agency: American Society For Surgery of the Hand Outcomes Grant
Amount: \$16680
Funding Period: 1999-01
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Patient and Injury Factors that Predict Outcome Following Distal Radius Fracture.
Investigators: **MacDermid JC**, Richards RS, Roth JH
10. Funding Agency: Patient/Resident Care Applied Research Programme, St. Joseph's

Health Centre

Amount: \$4190

Funding Period: 1997

Department where funds are held: Hand and Upper Limb Centre, London, Ontario

Project Title: Evaluation of Surgical Options for Severe Distal Radius Fractures Using a Regression Discontinuity Design.

Investigators: **MacDermid JC**, Richards RS, Roth JH

9. Funding Agency: Pooled Research Trust Fund. Lawson Research Institute
Amount: \$6190
Funding Period: 1997-98
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Validity of Tip to Palmar Crease Measurements as Indicators of Finger Flexion Capability.
Investigators: **MacDermid JC**, Fox E, Roth JH:(over 1 year)
8. Funding Agency: Robert B. Salter Award. Canadian Orthopaedic Association
Amount: \$15,000
Funding Period: 1997
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Submuscular versus subcutaneous ulnar nerve transposition: A randomized clinical trial.
Investigators Patterson SD, **MacDermid JC**
7. Funding Agency: Rea Foundation Grant, The Arcangalo Rea Family Foundation.
Amount: \$8,000
Funding Period: 1995-96
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Long term outcome after silastic trapezial arthroplasty in treatment of painful osteoarthritis of the thumb.
Investigators: Roth JH, Richards RS, MacDermid JC
6. Funding Agency: Physician Services Inc.
Amount: \$49,000 over 2 years
Funding Period: 1995-97
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Use of continuous passive motion machines for postoperative rehabilitation in patients undergoing surgery for recurrent carpal tunnel syndrome. A randomized trial.
Investigators Ross D, Richards R, **MacDermid JC**,
5. Funding Agency: St. Joseph's Health Centre Pooled Research Trust Fund.
Amount: \$6,700
Funding Period: 1994

Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Concentric and eccentric strength of the shoulder rotators in patients with rotator cuff tendonitis.

Investigators: **MacDermid JC**, Patterson SD

4. Funding Agency: Physician Service Inc.
Amount: \$54,000 over 2 years
Funding Period: 1993-95
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Endoscopic versus open carpal tunnel release: A randomized controlled trial.
Investigators Richards R, **MacDermid JC**, Roth JH: Physician Service Inc.
3. Funding Agency: St. Joseph's Health Centre Pooled Research Fund
Amount: \$5,500
Funding Period: 1993
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Current Use and Opinions on Outcome Measures for Wrist Fractures in Members of the International Wrist Investigators Group.
Investigators: Roth JH, **MacDermid JC**
2. Funding Agency: Ontario Physiotherapy Association - London Section Jal Tata Research Fund
Amount: \$585
Funding Period: 1993
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Reliability of measurement of lateral rotation in patients.
Investigators: Chesworth B, **MacDermid JC**
1. Funding Agency: Ontario Physiotherapy Association - London Section Jal Tata Research Fund
Amount: \$500
Funding Period: 1987
Department where funds are held: Hand and Upper Limb Centre, London, Ontario
Project Title: Reliability of isokinetic knee extension on the Kin-Com.
Investigators: **MacDermid JC**, Kramer JF

EXTERNAL GRANTS FOR GRADUATE STUDENT SUPPORT (only those named to supervisor)

6. Funding Agency: Canadian Institute of Health Research; Frederick Banting and

Charles Best Canada Graduate Scholarships - Doctoral Award
Amount: \$32,000/year salary support; \$5000/year research allowance
Funding Period: 2008-2012
Department where funds are held: University of Western Ontario, London
Project Title: Towards Facilitating Access to Rehabilitation and Integral Services to Enhance Quality of Life for Women with Disabilities (PhD Fellowship)
Supervisor: **MacDermid JC**
Student: Daraz L

5. Funding Agency: Canadian Institute of Health Research
Amount: \$30,000/year salary support; \$5000/year research allowance
Funding Period: 2008-2012
Department where funds are held: McMaster University, Hamilton London
Project Title: Helping consumers find and use health information on the internet (PhD Fellowship)
Supervisor: **MacDermid JC**
Student: L Daraz
4. Funding Agency: Canadian Institute of Health Research
Amount: \$5000
Funding Period: 2005
Department where funds are held: McMaster University, Hamilton
Project Title: Defining better clinical measures of pain (Summer Studentship)
Investigator/Supervisor: **MacDermid JC**
Student: Traynor R
3. Funding Agency: Canadian Institute of Health Research
Amount: \$5000
Funding Period: 2005
Department where funds are held: McMaster University, Hamilton
Project Title: Defining objective measures of pathology in neck pain and their relationship to quality-of-life (Summer Studentship)
Investigator/Supervisor: **MacDermid JC**
Student: Teo A
2. Funding Agency: Canadian Institute of Health Research
Amount: \$55,000/year salary support; \$5000/year research allowance
Funding Period: 2006-2010
Department where funds are held: University of Western Ontario, London
Project Title: Defining objective measures of pathology in neck pain and their relationship to quality-of-life (PhD Fellowship)
Supervisor: **MacDermid JC**
Student: Walton D

1. Funding Agency: Canadian Institute of Health Research
Amount: \$7000
Funding Period: 2005
Department where funds are held: McMaster University, Hamilton
Project Title: Defining muscle function pre and post shoulder arthroplasty and their relationship to functional performance and quality-of-life (CIHR Quality-of Life Training Program)
Investigator/Supervisor: **MacDermid JC**
Student: Beech S

EXTERNAL GRANTS (OTHER)

3. Funding Agency: Ontario Policy Training Program
Amount: \$19,000
Funding Period: 2004
Department where funds are held: McMaster University, Hamilton
Project Title: Work Organization and Health (Course Development)
Investigators: **MacDermid JC**, Shannon HS
2. Funding Agency: Eli Lilly
Funding Period: 2004-2007
Amount: \$111,000
Department where funds are held: Hand and Upper Limb Centre, London
Project Title: The Effect of Teriparatide on Distal Radius Fracture Healing
Site Investigators: Faber K, **MacDermid JC**
1. Funding Agency: Orthologic Inc.
Funding Period: 2005-2007
Amount: \$5000- competitive enrolment (study closed early)
Department where funds are held: Hand and Upper Limb Centre, London
Project Title: The Effect of Chystallin on Distal Radius Fracture Healing
Site Investigators: King GJ, **MacDermid JC**

EXTERNAL RESEARCH CONSULTANT

1. Funding Agency: Eli Lilly
Funding Period: 2004
Department where funds are held: Hand and Upper Limb Centre, London
Project Title: The Effect of Teriparatide on Distal Radius Fracture Healing

Role: Research Design External Consultant (Measurement and Analysis of Functional Outcomes)

PUBLICATION/PRESENTATION SUMMARY

Papers in Refereed Journals: Total =132 (past 5 years= 71)

Books Edited/Authoried: Total=3 (past 5 years = 1, 4 in press)

Book Chapters: 11 published; 4 in press (past 5 years= 9 published; 10 in press)

Papers under Review: 19

Peer-Reviewed Presentations with Abstracts: Total= 163 (past 5 years= 62)

Invited Presentations: 105 (past 5 years= 50)

Non-peer Reviewed Publications: 15

Impact of my publications

Citations as of January 2009, (via Harzing's Publish or Perish Citation Software; verified for accuracy)

Total Citations= 1944

H-Index: 22

G-index=33

The ***h-index*** is an index that quantifies both the actual scientific productivity and the apparent scientific impact of a scientist. The index was suggested by JE. Hirsch, who suggested that, for physicists, a value of about 10-12 might be a useful guideline for tenure decisions at major research universities. A value of about 18 could mean a full professorship, 15-20 could mean a fellowship in the American Physical Society, and 45 or higher could mean membership in the United States National Academy of Sciences. The G index is thought to overcome some of the limitations of the H-index (allowing some influence of heavily cited papers) but comparison/benchmark data was not located.

My role in publications: In all papers where I am the first author I was responsible for the majority of the paper (question, design, study oversight, data analysis and writing) (contribution 50-100%) - except in 1 qualitative paper where all authors contributed equally to data collection, analysis and writing (33%). In studies involving trainees, I have underlined the names of trainee(s). Where I am listed as second author following a trainee, I was the primary supervisor and was extensively involved in question development, research design, analysis and revisions (30-75%). In papers, with multiple trainees underlined, I was the primary supervisor for a student research team (common for clinical master's). In these cases, I developed the question, lead the research design, conducted analysis and revisions, while trainees contributed to study design, collected data and prepared a poster presentation of the work (40-75%). In the remaining papers, where I am listed as co-author, I contributed to the research design, the data analysis and revisions on a study developed and written by the primary author (Contribution 10-50%). In papers where I contributed to team project/writing and my name is not listed, but the name of the team is listed, my contribution was minor (5-15%). Research teams that I belong to that include this approach are JOINTS (Joint Orthopaedic Initiative National Trials for the Shoulder) which conducts national trials, the Expertise-Based Working Group which develops methodology for expertise-based clinical trials and the Clinical Practice Committees of the American Physical Therapy Association(APTA) and American Society of

Hand Therapists (ASHT).

My Impact and Target Journals: As my work integrates knowledge translation, I am typically more influenced by the target audience than the journal impact factor when selecting a target journal for research. However, I usually choose the higher impact journals within my field/target audience and also pay close attention to my overall impact using indices like the H-index (above).

The (American) Journal of Hand Therapy was once my preferred choice for upper extremity rehabilitation focused work. Since 2007, when I was named sole Associate Editor, I have stopped submitting as a first author to this journal to avoid any appearance of conflict. However, I continue to co-author with trainees and colleagues, where this is their first choice for publication and publish either editorial or society related content required by my role. Within musculoskeletal research there are a variety of target journals with similar impact factors, many focusing on different subspecialties and it is now recognized that comparison of impact factors across disciplines is inappropriate. I have supported the concept of open access from the outset and this is now consistent with CIHR policy on the use of open access where possible. Three of my publications in BMC Musculoskeletal have been awarded “*highly accessed*” designations.

PEER-REVIEWED PUBLICATIONS (135 Total- Past 5 years = 71)

Trainees underlined (*funding agency for specific publications are noted*)

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134. Grewal R, Shaw P, **MacDermid JC**, King GJW: Functional Outcome of Arthroscopic ECRB Tendon Release. In press Journal of Hand Surgery.
133. Colquhoun H, Letts L, Law M, **MacDermid JC**, Edwards M: Clinical utility of the Canadian Occupational Performance Measure for routine use. In press Canadian Journal of Occupational Therapy. (*Funded by CIHR QoL Training Program*)
132. **MacDermid JC**, Walton D, Avery S, Blanchard A, Etruw E, McAlpine C, Goldsmith C: Measurement properties of the neck disability index: A systematic review. In press Journal of Orthopaedic and Sports Physical Therapy. 2009
131. Roy JS, **MacDermid JC**, Woodhouse L: A systematic review of the psychometric properties of shoulder self-report scales. In press Arthritis and Rheumatism.2009

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182. MacDermid JC, Expertise Based Working Group: The Expertise-based Trial- A design Option for Physical Therapy, American Physical Therapy, San Antonio, TX. June 13, 2008
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of the Hand Seattle, September 2000.

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3. **Cheung PK**, Arnold JMO, Marsh G, Thompson RT, Driedger A, McGillen J, **MacDermid J**: Training improves metabolism of skeletal muscle in heart failure. Journal of the American College of Cardiology 17: 159a, 1991.
2. **Cheung PK**, Arnold JMO, Marsh G, Thompson RT, Driedger A, McGillen J, **MacDermid J**: Training improves metabolism of skeletal muscle in heart failure. Clinical and Investigative Medicine 13:c55, 1990.
1. **MacDermid J**, Kramer JF: Torque-velocity relationship in human quadriceps muscle during concentric and eccentric contractions. CPA National Convention, St John, New Brunswick. June 18, 1987. Funding: Continuing Education Fund-Department of Physical Therapy University of Western Ontario. Physiotherapy Canada 39:9, 1987.

INVITED PRESENTATIONS (Lifetime Total=117; Past Five years=51)

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| 119. January 2009 | Measuring outcomes in practice. Maui Memorial Hospital, Wailuku, HI |
| 118. October 2008 | I saw it in a continuing education course. Should I change my practice? American Society of Hand Therapists, Boston |
| 117. October 2008 | Knowledge Translation. Ontario Rehabilitation Research |

Network. Toronto Ontario.

116. May 2008 Challenges and Solutions in Evidence-based Practice. Journée scientifique (Annual Meeting) of the Quebec Rehabilitation Research Network (REPAR/FRSQ). Montreal, Quebec
115. May 2008 Finding evidence. Hand Therapy Canada. Ottawa, ON
114. May 2008 Getting started in clinical research. Hand Therapy Canada. Ottawa, ON
113. March 2008 Principles of Incorporating Outcome Measures into Clinical Decision-making. Rotterdam, Netherlands
112. March 2008 Tribulations in Trials: Challenges and Solutions for Conducting Randomized Controlled Trials in Hand Surgery, Rotterdam, Netherlands
111. March 2008 Outcome Measure for the Hand/Wrist. Masters in Hand Therapy Program. Malmo, Sweden
110. March 2008 How to Conduct Research in the Clinic. Rehabilitation of the Hand with Emphasis on the Elbow. Philadelphia, PA
109. March 2008 Outcome Measures for Upper Extremity. Rehabilitation of the Hand with Emphasis on the Elbow. Philadelphia, PA
108. March 2008 Evidence-based Management of Elbow Stiffness. Rehabilitation of the Hand with Emphasis on the Elbow. Philadelphia, PA
107. March 2008 Elbow Outcome Measures. Rehabilitation of the Hand with Emphasis on the Elbow. Philadelphia, PA
106. October 2007 I read it in the journal: Should I change my practice? American Society of Hand Therapists, Phoenix Arizona, October 10, 2007.
105. October 2007 How to write and publish an evidence-based case study . American Society of Hand Therapists, Phoenix Arizona, October 10, 2007.
104. May 2007 Factors that Predict Outcome after Distal Radius Fracture Rehabilitation, Hand and Wrist Symposium, San Francisco, CA
103. May 2007 Rehabilitation after Distal Radius Fracture Rehabilitation, Hand and Wrist Symposium, San Francisco, CA

102. May 2007 Using Outcome Measures in Hand Therapy, Hand and Wrist Symposium, San Francisco, CA
101. April 2007 Incorporating Evidence-based Practice in to Clinical and Academic Teaching, Samuel Merritt College, San Francisco, CA
100. March 2007 Rehabilitation After Distal Radius Fracture. International Wrist Symposium. Cairns, Australia.
99. March 2007 Predicting Outcomes after Distal Radius Fracture. International Wrist Symposium. Cairns, Australia.
98. March 2007 Measuring Outcomes of Hand Therapy. International Federation of Societies for Hand Therapy. Sydney, Australia.
97. March 2007 The Great Stiffness Debate: International Federation of Societies for Hand Therapy. Sydney, Australia.
96. February 2007 Evidence-based Practice: Appraising the literature. The Philadelphia Meeting. Philadelphia, PA
95. February 2007 Evidence-based Practice: How to find the evidence. The Philadelphia Meeting. Philadelphia, PA
94. February 2007 Evaluation and Treatment of Cold Intolerance. American Physical Therapy Association Combined sections Meeting. Boston, MA.
93. February 2007 Measuring Outcomes. American Physical Therapy Association Combined sections Meeting, Boston, MA.
92. January 2007 I read it in the journal . Should change my practice? (with P Vellam, S Michlovitz and S Kozin) American Association for Hand Surgery. Puerto Rico
91. January 2007 Can outcome measure assist with early rehabilitation? American Association for Hand Surgery. Puerto Rico
90. November 2006. The Focus on Work In The School of Rehabilitation Science, McMaster University, Forum on Work-related Health, McMaster University
89. September 2006. The 10 Most-Common Mistakes Made in Scientific Writing. American Society of Hand Therapists Annual Meeting. Atlanta, Georgia.
88. May 2006 The DASH Outcome Measure. Workers Compensation

- Board/University of Saskatchewan. Saskatoon, Sask.
87. May 2006 The Patient-rated Wrist Evaluation. Workers Compensation Board/University of Saskatchewan. Saskatoon, Sask.
 86. May 2006 The Neck Disability Index. Workers Compensation Board/University of Saskatchewan. Saskatoon, Sask.
 85. May 2006. Evidence-based Practice for hand therapists. 1st Annual Canadian Hand Therapy Meeting. Toronto. Ontario.
 84. April 2006. Upper extremity disorders in the workplace: (With Peter Keir) Ontario Physiotherapy Association Annual Meeting: Hamilton, ON
 83. March 2006. Wrist Outcome Measures: Measuring the Impact of Therapy. The Naked Arm. Toronto, Ontario
 82. March 2006: Translation of Evidence into Practice. Regional Stroke Rehabilitation Symposium. Hamilton, ON
 81. March 2006: Wrist Outcome Measures: Philadelphia Hand Meeting, Philadelphia, PA.
 80. March 2006: Shoulder /Elbow Outcome Measures: Philadelphia Hand Meeting, Philadelphia, PA.
 79. March 2006: Clinical Diagnostic Tests for Carpal Tunnel: Philadelphia Hand Meeting, Philadelphia, PA.
 78. March 2006: Research, Knowledge Translation and Clinical Practice: Philadelphia Hand Meeting, Philadelphia, PA.
 77. January 2006: Evidence-based Practice: How do surgeons and therapists collaborate? American Association for Surgery of the Hand. Tuscan AZ
 76. September 2005: Maximizing Upper Extremity Function: Integrating our Foundations, Patient's Goals and Evidence. Natalie Barr Lectureship. American Society of Hand Therapists Annual Meeting. San Antonio TX
 75. September 2005: A Walking tour of the research process with M Watkins. American Society of Hand Therapists Annual Meeting. San Antonio TX
 74. April 2005. The relationship between physical impairment and disability: Effects of gender and domestic violence. Symposium on Gender in Trauma (funded

by CIHR). Hamilton, ON

73. March 2005: Examination of the Wrist (with Ken Flowers and Susan Michlovitz). Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA
72. March 2005: Outcome measures for the Elbow and their Clinical Utility. Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA
71. March 2005: Evidence versus Clinical Practice: Do we know how to treat Lateral Epicondylitis? Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA
70. March 2005: Outcome Measures for the Shoulder and their Clinical Utility. Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA
69. March 2005: Examination of the Elbow (with Susan Michlovitz). Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA
68. January 2005: The relationship between impairment and disability. American Association for Surgery of the Hand, Puerto Rico.
67. January 2005: The future of outcomes. American Association for Surgery of the Hand, Puerto Rico.
66. November 2004: Understanding disability in work-related upper extremity disorders: Phase 1- Measuring Work-related Distress. Rehabilitation Science Seminar Series. University of Western Ontario, London, ON.
65. October 2004: Evidence versus Clinical Practice: Do we know how to treat Lateral Epicondylitis? American Society of Hand Therapists, Charlotte, North Carolina.
64. June 2004: Objective or Subjective Assessment? The 6th Congress of International Federation of Societies for Hand Therapy. Edinburgh, Scotland, UK.
63. June 2004: Work-related upper extremity disorders. (WSIB) Milliard Health Centre, Edmonton, AB.
62. October 2003: Evidence-based practice. American Society of Hand Therapists, Hollywood, CA.

61. September 2003: Evidence-based practice: Bridging the Gap between Research and Clinical Practice. 58th Annual Meeting American Society for Surgery of the Hand, Chicago, Illinois.
60. May 2003: Outcome Measures: Are We Proving the Value of Physiotherapy? Stand Up and Be Counted. Ontario Physiotherapy Association Conference. Kingston, ON.
59. November 2002: Evaluation of outcome in distal radius fractures. Hamilton Niagara Hand Interest Group, Hamilton, ON.
58. August 2002: Evaluation of outcome in distal radius fractures. Scandinavian Hand Society Meeting, Uppsala, Sweden.
57. August 2002: Can the busy clinician contribute to the evidence in evidence-based practice? Scandinavian Hand Society Meeting, Uppsala, Sweden.
56. February 2002: The Patient-rated Wrist Evaluation. Canadian Physiotherapy National Teleconference.
55. June 2001: The Patient-rated Wrist Evaluation. Canadian Physiotherapy Association National Congress. Calgary, Alberta. Physiotherapy Canada 53(1): S16-17, 2001.
54. June 2001: Brooks D and MacDermid JC: How should physical therapists use systematic reviews. Meta-analyses and CPG's? Canadian Physiotherapy Association National Congress. Calgary, Alberta.
53. May 2001: Which questionnaire to use? Advanced Course in Hand Surgery, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.
52. May 2001: Which questionnaire to use? Hand Therapy Conference, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.
51. May 2001: A Wrist Questionnaire Outcomes Conference, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.
50. May 2001: An Assessment of DASH/MHQ against other outcomes Outcomes Conference, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.
49. May 2001: Research opportunities in assessment of outcome Outcomes Conference, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.

48. May 2001: Reliability and validity of clinical measures for carpal tunnel syndrome Advanced Course in Hand Surgery, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.
47. May 2001: Rehabilitation of Tendon Transfers Advanced Course in Hand Surgery, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.
46. May 2001: Canadian Management of Dupuytren's Disease Hand Therapy Course, Pulvertaft Hand Centre, Derbyshire Royal Infirmary, Derby, England.
45. March 2001: Outcomes Assessment Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA.
44. March 2001: Research in the Clinical Setting, Co-presenters Paul LaStayo, PT PhD and Ken Flowers, PT. Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA.
43. March 2001: Outcome Assessment in Upper Extremity Rehabilitation, Co-presenters Susan Michlovitz, PT PhD, and Elaine Fess, MSc OT. Surgery and Rehabilitation of the Hand -2001 - with emphasis on the elbow. Philadelphia, PA.
42. March 2000: Workplace Hand Injuries: Rehabilitation and Preventative Design Kinesiology Conference, Laurentian University, Sudbury, ON. Keynote Address: Hand Injury Rehabilitation Techniques.
41. September 1999: Pliability measures of scar: Reliability of two devices. Project development and future directions. School of Physical Therapy Seminar Series. University of Western Ontario, London, ON.
40. September 1999: Outcome Measurement: The Patient-rated Wrist Evaluation and the Patient Rated Forearm Evaluation The Annual Meeting of the American Society of Hand Therapists, Orlando, Florida.
39. May 1999: Outcome Following Distal Radius Fractures. UWO Orthopaedic Resident's Day Wrist Symposium.
38. March 1999: Measuring Wrist and Shoulder Outcomes; Their Practical Use in Your Clinic With Lori Michener, PT. Surgery and Rehabilitation of the Hand -99, Philadelphia, PA.
37. March 1999: Joint Mobilization of the Hand and Wrist (With Ken Flowers and Paul LeStayo) Surgery and Rehabilitation-99, Philadelphia, PA.

36. March 1999: Outcome Assessment: Patient Rating of Wrist Pain and Disability Surgery and Rehabilitation of the Hand -99, Philadelphia, PA.
35. May 1998: Outcome Measures Development of the Patient Rated Wrist Evaluation Instructional Course, Co-presenters: Susan Michlovitz and Dorcas Beaton. International Federation of Hand Therapists, Vancouver, BC.
34. March 1998: Upper Extremity Outcome Measures Lawson Research Institute, London, ON.
33. March 1998: Current Outcome Instruments. The Philadelphia Meeting. Philadelphia, PA.
32. March 1998: Therapists Management of Ulnar-Sided Wrist Pain. The Philadelphia Meeting, Philadelphia, PA.
31. March 1998: Computerized Hand Evaluation Systems. The Philadelphia Meeting, Philadelphia, PA.
30. November 1997: Measuring Outcomes After Wrist Fracture. Orthopaedic Symposium. London, ON
29. February 1997: Introductory Workshop on Outcome Measures. Commissioned by the Canadian Physiotherapy Association Mississauga Orthopaedic and Sports Injury Centre, Mississauga, ON.
28. February 1997: Wrist and Hand Biomechanics. London Advanced Orthopaedic Specialization Study Group
27. November 1996: Subjective versus Objective Outcome Controversial Conditions of the Upper Limb, St. Joseph's Health Centre, London, ON
26. September 1996: Introduction to Epidemiology. American Society of Hand Therapists, Atlanta, Georgia.
25. July 1995: Considerations in Evaluating Outcome Measures. 3rd International Congress of the International Federation of Societies of Hand Therapists. Helsinki, Finland.
24. December 1995: Management of Flexor and Extensor Tendon Injuries. Year III Physical Therapy Orthopaedics, University of Western Ontario
23. November 1995: Introductory Workshop on Outcome Measures. Sponsored by Canadian Physiotherapy Association, Halifax, Nova Scotia

22. November 1995: Evaluation Methodology in Musculoskeletal Care 18th Annual Canadian Orthopaedic Association Annual General Meeting and 39th Orthopaedic Rehabilitation Symposium, Toronto, ON.
21. September 1995: Introductory Workshop on Outcome Measures. Sponsored by Canadian Physiotherapy Association, Toronto, ON.
20. March 1995: Dupuytren's Disease Postoperative Management (Panel Discussion and Lecture). Rehabilitation and Surgery of the Hand, Philadelphia, PA.
19. November 1994: Survey Methods The Next Step: Clinical Application of Outcome Measures. Victoria Hospital, London, ON.
18. November 1994: Upper Extremity Outcome Measures The Next Step: Clinical Application of Outcome Measures Victoria Hospital, London, ON.
17. September 1994: Survey Methods. American Society of Hand Therapists AGM, Washington, DC.
16. June 1994: Hand Therapy/Surgery for Arthritis. London Arthritis Bluebird Club, London, ON
15. October 1993: Clinical Trials for Hand Therapists American Society of Hand Therapists, Kansas City, Kansas.
14. October 1993: Biomechanics of the Hand. American Society for Surgery of the Hand. Kansas City, Kansas.
13. November 1992: The Elbow: Anatomy and Biomechanics. American Society of Hand Therapists, Phoenix, Arizona.
12. November 1992: Soft Tissue Disorders of the Elbow. American Society of Hand Therapists, Phoenix, Arizona.
11. November 1992: Reliability of Grip and Pinch Strength Measurements in Patients with Repetitive Strain Injury. Hand Interest Group, London, ON.
10. February 1992: Clinical Diagnosis of Carpal Tunnel Syndrome: Which Tests Should We Use? E2E3 Upper Quadrant Orthopaedic Course, London, ON.
9. February 1992: Inter-rater Agreement and Accuracy of Clinical Tests used in Diagnosis of CTS. Northern Outreach Teleconference

8. May 1991: Soft Tissue Disorders of the Upper Extremity: Differential Diagnosis. Victoria Hospital, London, ON.
7. September 1990: Traction Splinting for Intra-articular Fractures of the PIP Joint. Victoria Hospital, London, ON.
6. September 1990: Severe Post-Traumatic Dystrophy: Implications for Treatment. Victoria Hospital, London, ON.
5. February 1990: The Family Physician and Occupational Upper Extremity Problems. Continuing Education for Physicians, University of Western Ontario, London, ON.
4. February 1989: Physiotherapists as Expert Witnesses, Non-party Witnesses and Defendants. Ontario Physiotherapy Association, London, ON.
3. September 1988: Assessment and Treatment of Hand Injuries (co-organizer and lecturer) Lectures: 1. Fractures and their Rehabilitation, 2. Flexor Tendon Repairs, 3. Tenolysis Management, Hunter Rod/Tendon Grafting Victoria Hospital London, ON.
2. March 1988: Physiotherapy Modalities in Hand Therapy. Plastics Grand Rounds, Victoria Hospital Lectures: 1. Interferential Therapy, 2. Muscle Stimulation, 3. Laser
1. November 1987: Torque-Velocity Relationship during Isokinetic Knee Extension, OPA London District Meeting, London, ON.