

## Joy C. MacDermid

| University  | Office   |
|---|--|
| Associate Professor<br>Rm 429, IAHS<br>School of Rehabilitation Science<br>McMaster University<br>Hamilton, Ontario, Canada<br>L8S 1C7<br>Tel: (905) 525-9410 x22524<br>Fax: (905)524-0069<br>Email: <a href="mailto:macderj@mcmaster.ca">macderj@mcmaster.ca</a><br><a href="http://www.fhs.mcmaster.ca/rehab">www.fhs.mcmaster.ca/rehab</a> | Co-director Clinical Research Lab<br>Hand and Upper Limb Centre<br>St. Joseph's Health Centre<br>268 Grosvenor Street<br>London, Ontario, Canada<br>N6A 4L6<br>Tel: (519)646-6100 X 64636<br>Fax: (519)646-6049<br>Email: <a href="mailto:jmacderm@uwo.ca">jmacderm@uwo.ca</a> |

## 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

- 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**

- 2007            Vice-President (Elected position), American Society of Hand Therapists
- 2006            Clinical Practice Guidelines Task Force, American Physical Therapy  
Association

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**

- 2005- Member, PhD Committee, School of Rehabilitation Science
- 2002- 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**

- 1993- Journal of Hand Therapy  
Guest Editor 2001 Special Issue "The Outcomes Issue"  
Guest Editor 2004 Special Issue "Evidence-based Practice"
- 2003- Journal of Orthopaedic and Sports Physical Therapy
- 1992-93 Corresponding Editor for Canada; Journal of Hand Therapy

### **Journal Reviewer**

- 2004- Journal of Hand Surgery
- 2002-07 Journal of Orthopaedic and Sports Physical Therapy
- 2002- Physiotherapy Canada
- 2000- Physical Therapy

1993-07 Journal of Hand Therapy

2006 Arthritis and Rheumatism

2006 Europa Medicophysica

2006 BMC Musculoskeletal

2006 Korean Journal of Medicine

2006 Pain

2006 Nature - Clinical Practice Neurology

2005 Lancet (Neurology)

2005 Journal of Occupational and Environmental Medicine

2002, 2006 Archives of Physical Medicine and Rehabilitation

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**

2006-07 CIHR- Canadian Institutes of Health Research; New Investigator Award Program (Rehabilitation )

200607 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

2004- 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

2005 Tenure Application- University of Chicago

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

- 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
- 2002 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- 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)

- 2006 Professional Issues, Master of Science (Rehabilitation). McMaster University. A scientific approach to innovation 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 PhD and MSc Examinations:** 15 completed

**Graduate Supervision:**   **PhD:** 2 in progress  
  **MSc:** 5 completed, 2 in progress;  
  **MSc (Clinical MSc Projects):** 11 completed

**Graduate Advisor:** 7 completed, 1 in progress

**Undergraduate or Medical Resident Research Supervisor:** 30 completed

### 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 – Lindsay 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 Evaluant 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 STUDENT SUPERVISION

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

##### Graduate PhD Supervisor

- 2005- PhD, Physical Therapy, University of Western Ontario  
*Development of a predictive tool for chronic pain in musculoskeletal disorders of the neck*- 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

- 2006- MSc, School of Rehabilitation Science, McMaster University  
*Validation of a functional test to assess recovery after rotator cuff surgery*- P Kumta
- 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/Assistant Professor University of Calgary)
- 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

- 2006- 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  
Supervisor: *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 Advisor

- 2005- MSc, School of Rehabilitation Science, McMaster University  
Advisor: *The effect of using the Canadian Occupational Performance Measure during inpatient rehabilitation on patient satisfaction and functional outcomes.* - H Colqhoun. (CIHR Quality-of-Life Training Program) (Student).
- 2004-06 MSc, School of Rehabilitation Science, McMaster University  
Advisor: *Validation of the Lower Extremity Functional Scale on in-patients attending an orthopaedic rehabilitation program.* – T Yeung. (Physiotherapist- Toronto).
- 2005- MSc, School of Rehabilitation Science, McMaster University  
Advisor: *Reliability and validity of the FIT-HaNSa (Functional Impairment Test – Hand, Neck, Shoulder, Arm) Test* – C McPhee. (Physiotherapist).
- 2002-03 MSc, Department of Clinical Epidemiology and Biostatistics, McMaster

- University  
 Advisor: *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  
 Advisor: *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  
 Advisor: *Strength and pain measures associated with lateral epicondylitis bracing*. J. Wouri (Physiotherapist).
- 1994 - 1995 MSc, Physical Therapy, University of Western Ontario  
 Advisor: *Reliability of isometric to isokinetic torque ratios in knee extensors*. T. Birmingham. (Assistant Professor- University of Western Ontario).

#### MEDICAL RESIDENT and UNDERGRADUATE (THESIS) SUPERVISION

- 2002 - 2004 MD, University of Western Ontario  
 SRTP Co-Supervisor: *Outcome following Metacarpophalangeal arthroplasty*. (Salary awarded by University Of Western Ontario SRTP Program \$8800). Tina LeFrancois (Medical Student)
- 2002 - 2004 MD, University of Western Ontario  
 SRTP Co-Supervisor: *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. (Resident Orthopaedic Surgery, Queens University)
- 2002 - 2004 MD, University of Western Ontario  
 SRTP Supervisor: *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). (Resident- General Surgery; University of Western Ontario)
- 2001 - 2003 MD, University of Western Ontario

SRTP Supervisor: *Scoring and interpretation of the ASES elbow questionnaire; Comparison of responsiveness between instruments.* Yousef (Salary awarded by University Of Western Ontario SRTP Program \$8800); (Resident Radiology, University of Western Ontario)

Awarded Keith and Greta Thompson Research Award (for best paper). SRTP Program 2002.

2001-2002 BScPT, University of Western Ontario

Supervisor: *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

Supervisor: *Rotator cuff pathology: Strength and function.* J. Ramos. (Clinical Physiotherapist)

2000 - 2001 MD, University of Western Ontario

SRTP Supervisor: *A cohort study of comminuted distal radius fracture.* V. Rajcopal- Salary attached by University Of Western Ontario \$8800.

1999 - 2000 BScPT, University of Western Ontario

Supervisor: *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

SRTP Supervisor - *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

Supervisor: *The relative effect of age, sex, weight, height and hand size on grip strength in normals.* K. Geiger, L. Farrell

2000 Pgy I Orthopaedics, University of Western Ontario

Advisor: *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

Advisor: *Single versus double incision repair of biceps ruptures: A prospective study.* R. Elway (Surgeon)

2000 Pgy I Orthopaedics, University of Western Ontario

Advisor: *Outcome of metallic radial head arthroplasty for chronic joint problems.* N. Duggal (Fellow; Orthopaedic Surgery)

- 1999 Pgy 4 Orthopaedics, University of Western Ontario  
 Advisor: *Outcome of pi-plating in distal radius fractures.* J. Werier (Orthopaedic Surgeon, US)
- 1999 Pgy 4 Orthopaedics, University of Western Ontario  
 Advisor - *Outcome after radial head replacement with metal arthroplasty.* J. Moro. (Orthopaedic Surgeon, Hamilton, ON)
- 1999 Pgy 3 Orthopaedics, University of Western Ontario  
 Advisor - *Outcome after plating of olecranon fractures.* C. Bailey. (Orthopaedic Surgeon)
- 1998 - 1999 BScPT, University of Western Ontario  
 Supervisor: *Comparison of a computerized hand-held dynamometry and the LIDO for assessment of shoulder strength.* M. Orton, T. Tran. (Unknown)
- 1998 - 1999 BScPT, University of Western Ontario  
 Supervisor: *Comparison of traditional and computerized pinch meters.* M. Evenhuis, W. Louzon. (Unknown)
- 1998 - 1999 BScPT, University of Western Ontario  
 Supervisor: *The relationship between strength and function after distal radius fracture.* R. Janicki, T. Nailer. (Unknown)
- 1997 - 1998 BScPT, University of Western Ontario  
 Supervisor: *The relationship between impairment and disability in patients with total elbow arthroplasties.* S. Nenshi, C. Farrer. (Unknown)
- 1997 MD, University of Western Ontario  
 SRTP Supervisor: *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 Surgery Resident, Ottawa)
- 1997 MD, University of Western Ontario  
 Advisor: *Hemi-versus total arthroplasty of the shoulder: Comparative outcomes.* D. Reid. (Unknown)
- 1997 MD, University of Western Ontario  
 Advisor: *One-year outcome of distal radius fracture.* A.M. Marinescu. (Unknown)
- 1997 BSc Biophysics, University of Western Ontario  
 Advisor: *Development and application of a portable elbow torque meter for clinical use.*

E. Greenspoon. (Engineer Auto industry)

1997 MD, University of Western Ontario

S RTP Supervisor: *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

Advisor: *Effect of the posterior cruciate ligament in knee-joint proprioception in total knee arthroplasty.* P.J. Lattanzio. (Unknown)

1996 BScPT, University of Western Ontario

Supervisor: *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

S RTP Supervisor: *Outcome after distal radius fractures.* Salary attached by University Of Western Ontario \$8800. T. Turgeon (Orthopaedic Surgeon, B.C.)

1996 MD, University of Michigan

Advisor: *Outcome after rotator cuff surgery: major versus simple repairs.* P. Donaldson. (Unknown)

## **RESEARCH**

### **FUNDING SUMMARY**

**Career Awards:** 1 completed, 1 in progress

**External Peer-reviewed Research Grants:** 40 granted; 31 completed, 9 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
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 (40 Total)**

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:
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
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, Teodorczyk 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  
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
  
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
  
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
  
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
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)**

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 =103 (past 5 years= 57)

**Books Edited/Authored:** Total 1 in press

**Book Chapters:** 4 published; 10 in press (past 5 years= 2 published; 10 in press)

**Papers under Review:** 10

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

**Invited Presentations:** 88 (past 5 years= 45)

**Non-peer Reviewed Publications:** 15

**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)-except in 1 qualitative paper where all authors contributed equally to data collection, analysis and writing. In studies involving trainees, I have underlined the trainees. 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. In papers, with multiple trainees underlined, where I am listed last, I was the primary supervisor for a research team projects in a clinical master's program. In these cases, I develop a question, lead the research design, conduct analysis and revisions, while trainees collect contribute to study design, collect data and write the first draft of the paper. In the remaining papers where I am listed as co-author, I was contributed to research design, the data analysis and revisions on a question developed by the primay author.

**Target Journals/Quality:** I choose a target journal for my work depending on the clinical subspecialty or methodological area for whom the study message is most relevant. The (American) Journal of Hand Therapy is the primary journal addressing upper extremity rehabilitation issues (British Journal lower impact). As of 2007, I have decided to stop submitting as a first author to this journal, as I became the Associate Editor and want to avoid an appearance of conflict. However, I will continue to appear as a co-author with trainees and colleagues where this is their first choice for publication. Within my area of musculoskeletal disability and clinical epidemiology/KET there are a variety of target journals with similar impact factors. There is a trend in my field to publish in the journals most likely to be read by the target audience, hence targeting more specific journals is common (e.g. Trauma, Shoulder Surgery, Orthopaedic and Sports Physical Therapy, Hand Surgery, Osteoarthritis, etc).

**PEER-REVIEWED PUBLICATIONS (105 Total- Past 5 years = 61)**

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

105. Rowland A, Faber KJ, MacDermid, GJ King: Lateral Ulnohumeral Joint Space Widening is Not Diagnostic of Radial Head Arthroplasty Overstuffing. In press Journal of Hand Surgery, 2007.
104. Bicknell R, **MacDermid JC**, Roth JH: Thumb Metacarpophalangeal Joint Fusion: An Operative Description and Retrospective Review. In Press Journal of Hand Surgery, 2007
103. Grewal R, **MacDermid JC**, Chesworth B, Pope J: Radiographic Variables and Their Influence On Pain And Disability One Year Following Extra-Articular Distal Radius Fractures: Age Related Trends. In press Hand, 2007.
102. **MacDermid JC**, Roth JH, McMurtry R: Predictors of time lost from work following a distal radius fracture. Journal of Occupational Rehabilitation, In press 2007.
101. **MacDermid JC**, Geldart S, Williams R, Lin CY, Westmoreland M, Shannon H: Workers define the health effects of Work Organization, identify needed changes and are motivated to share responsibility: A qualitative study. (funded by CIHR) In Press Work, 2007.
100. **MacDermid JC**, Wessel J, Humphrey R, Ross D, Richards RS, Roth JH: The AUSCAN, patient-rated wrist/hand evaluation (PRHWE) and DASH are valid and demonstrate high concordance. Osteoarthritis and Cartilage Epub, 2006.
99. Hewins EA, Gofton WT, Dubberly J, **MacDermid JC**, Faber KJ, King GJ: Plate fixation of olecranon osteotomies. Journal of Orthopaedic Trauma 21(1):58-62, 2007

98. Rompe JD, Nafe B, Theis C, Overend TJ, **MacDermid JC**: Validation of a patient-rated forearm evaluation questionnaire for lateral elbow tendinosis (tennis elbow). *Journal of Hand Therapy*, 2007.
97. Lanting B, **MacDermid JC**, Drosdowech D, Faber KJ: Management of proximal humeral fractures: A systematic review. In Press *Journal of Shoulder and Elbow Surgery*. (*Student Research Training Program, UWO*), In press 2007.
96. **MacDermid JC**, Drosdowech D, Faber KJ: Responsiveness of shoulder self-report scales in evaluating recovery following rotator cuff repair. *Journal of Shoulder and Elbow Surgery* 15(4): 407-414, 2006.
95. **MacDermid JC**, Michlovitz S: Examination Of The Elbow: Linking Diagnosis, Prognosis And Outcomes as a Framework For Maximizing Therapy Interventions. *Journal of Hand Therapy*, 19:82-87, 2006.
94. **MacDermid JC**, Solomon P, Law M, Stratford PS, Russell D: Defining the effect and mediators of two knowledge translation strategies designed to alter knowledge, intent and clinical utilization of rehabilitation outcome measures: A Study Protocol {NCT00298727} (*CIHR*) *Implementation Science* July 4, 1: (1) (14 pages), 2006.
93. Nguyen D, Proper PI, **MacDermid JC**, King GJ, Faber KJ: Functional Outcomes of Arthroscopic Capsular Release of the Elbow. *Arthroscopy* 8:842-9, 2006.
92. **MacDermid JC**, Holtby R, Razmjou H, Bryant D, JOINTS Canada: All-Arthroscopic versus Mini-Open Repair of Small or Moderate Sized Rotator Cuff Tears: A Protocol for a Randomized Trial. (*Physician's Services Foundation*) *BMC Musculoskeletal Disorders*, 7:25 2006
91. Costantini M, Tunks K, Wyatt C, Zettel H, **MacDermid JC**: Age and upper limb tension testing affects current perception threshold. *Journal of Hand Therapy* 19:307-317, 2006.
90. Temple CLF, Tse R, Bettger-Hahn M, **MacDermid JC**, Gan BS, Ross DC: Sensibility following innervated free TRAM flap for breast reconstruction. *Plastic and Reconstructive Surgery* 117:2 119-2127, 2006.
89. Razmjou H, Bean A, van Osnabrugge V, **MacDermid JC**: Cross-sectional and longitudinal construct validity of two rotator cuff disease-specific outcome measures. *BMC Musculoskeletal Disorders* 7:26, 2006. (7 pages)
88. Dubberley JH, Faber KJ, Patterson SD, **MacDermid JC**, Patterson SD, King GJW: Outcome after open reduction and internal fixation of capitellar and trochlear fractures. *Journal of Bone and Joint Surgery* 88:46-54, 2006.

87. **MacDermid JC**, Solomon P, Prkachin K: The Shoulder Pain and Disability Index demonstrates factor, construct and longitudinal validity. (*CIHR*) *BMC Musculoskeletal Disorders*, 10; 7(1):12 2006.
86. Grewal R, **MacDermid JC**, Faber KJ, Drosdowech DS, King GJW: Comminuted radial head fractures treated with a modular metallic radial head arthroplasty. *Journal of Bone and Joint Surgery* 88: 2192-2200, 2006.
85. Aird J, Cady R, Nagi R, Kullar S, **MacDermid JC**: The impact of wrist extension provocation on CPT thresholds in patients with carpal tunnel syndrome: a pilot study. *Journal of Hand Therapy* 19: 299-306, 2006.
84. Boyd K, Gan BG, Ross DC, Richards RS, Roth JH, **MacDermid JC**: Outcomes in carpal tunnel syndrome: Symptom severity, conservative management and progression to surgery. *Clinical and Investigative Medicine* 28(5): 254-60, 2005.
83. Harris J, **MacDermid JC**, Roth JH: The International Classification of Functioning Model Explains the Health Impact of a Distal Radius Fracture: A Cohort Study (*CIHR*) *Health and Quality of Life Outcomes* (3): 73 (15 pages) 16/11/2005
82. 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. (Awarded Silver Quill Award for best scientific publication)
81. Viskontas DG, **MacDermid JC**, Drosdowech DS, Garvin G, Romano WM, Faber KJ: Reliability and comparison of acromion assessment techniques on X-ray and magnetic resonance imaging. *Canadian Association of Radiologists Journal* 56(4): 2005.
80. Dubberley JH, Faber KJ, Patterson SD, Romano W, Garvin G, Bennett J, **MacDermid JC**, King GJW: The detection of loose bodies in the elbow: The value of MRI and CT arthrography. *Journal of Bone and Joint Surgery* 87B: 684-686, 2005
79. **MacDermid JC**, Brooks D, Solway S, Switzer-McIntyre S, Brosseau L, Graham I: Reliability and validity of the AGREE Instrument used by physical therapists in assessment of clinical practice. (*Physiotherapy Foundation*) *BMC Health Services Research* 5(1):18, 2005.
78. Lowden C, Attiah M, Faber KJ, Garvin G, **MacDermid JC**, Osman S: The prevalence of wrist ganglia in an asymptomatic population: magnetic resonance. (Awarded best scientific paper at 2003 American Society of Hand Therapists Annual Meeting) *Journal of Hand Surgery* 30B: 302-306, 2005.
77. **MacDermid JC**: Assessment of health outcomes following tendon or nerve injury.

Journal of Hand Therapy 18: 297-312, 2005.

76. Zakaria D, Robertson J, Koval J, **MacDermid JC**, Hartford K: Rates of cumulative trauma disorder of the upper extremity claims in Ontario workers during 1997. *Chronic Diseases in Canada* 25: 22-31, 2004.
75. **MacDermid JC**: Hand therapy management of intra-articular fractures with open reduction and pi plate fixation: A therapists' perspective. *Techniques in Hand and Upper Extremity Surgery* 8(4): 219-223, 2004.
74. **MacDermid JC**, Lee A, Richards RH, Roth JH: Individual finger strength: Are the ulnar digits more "powerful"? *Journal of Hand Therapy* 17: 364-367, 2004.
73. **MacDermid JC**: An introduction to evidence based practice for hand therapists. *Journal of Hand Therapy* 17(2): 105-117, 2004.
72. **MacDermid JC**: The Quality of Clinical Practice Guidelines in Hand Therapy. *Journal of Hand Therapy* 17(2): 200-209, 2004.
71. **MacDermid JC**, Stratford P: Applying Evidence on Outcome Measures to Hand Therapy Practice. *Journal of Hand Therapy* 17(2): 165-173, 2004.
70. Gibson K, Growse A, Korda L, Wray E, **MacDermid JC**: The Effectiveness of Rehabilitation for Nonoperative Management of Shoulder Instability: A Systematic Review. (*Workers Safety Insurance Board*) *Journal of Hand Therapy* 17(2): 229-242, 2004
69. Trudel D, Duley J, Zastrow I, Kerr EW, Davidson R, **MacDermid JC**: Rehabilitation for Patients with Lateral Epicondylitis: A Systematic Review. (*Workers Safety Insurance Board*) *Journal of Hand Therapy* 17(2): 243-266, 2004.
68. Williams RM, Schmuck G, Westmorland M, **MacDermid JC**: Effectiveness of Workplace Rehabilitation Interventions In the Treatment of Work-Related Upper Extremity Disorders: A Systematic Review. (*Workers Safety Insurance Board*) *Journal of Hand Therapy*, 17(2): 267-273, 2004.
67. **MacDermid JC** and Wessel J: Clinical diagnosis of Carpal Tunnel syndrome: A systematic review. *Journal of Hand Therapy* 17(2): 309-319, 2004.
66. **MacDermid JC**, Doherty T: Clinical and electrodiagnostic testing of carpal tunnel syndrome: A narrative review. *Journal of Orthopaedic and Sports Physical Therapy* 17(2): 565-588, 2004.
65. Mueller M, Tsui D, Schnurr R, Biddulph-Desiroth L, Hard J, **MacDermid JC**: The

effectiveness of hand therapy interventions in primary management of carpal tunnel syndrome: A systematic review. (*Workers Safety Insurance Board*) *Journal of Hand Therapy*. 17(2): 210-219, 2004.

64. **MacDermid JC**, Roth JH, Richards RS: Pain and Disability Reported in the Year Following a Distal Radius Fracture: A Cohort Study. (CIHR/ Lawson Research Institute) *BMC Musculoskeletal* 4(24). 1-13. 2004.
63. **MacDermid JC**, Ramos J, Drosdowech D Faber, Patterson SD: The importance of isometric and isokinetic strength measures in patients with rotator cuff pathology. *Journal of Shoulder and Elbow Surgery* 13(6): 593-598, 2004.
62. **MacDermid JC**, Richards RS, Roth JH, King GJK, Ross D: Endoscopic versus open carpal tunnel release: A randomized trial. (*Physician's Services Inc.*) *Journal of Hand Surgery* 28: 475-480, 2003. (Awarded best scientific paper by the American Society of Hand Therapists 2003)
61. Hubbard M, **MacDermid JC**, Kramer JF, Birmingham T: Vibration threshold testing in carpal tunnel syndrome: Analysis strategies for optimizing reliability. In *Journal of Hand Therapy* 17:24-30, 2004.
60. Kramer JK, Street S, S, Harburn K, Hansen R, **MacDermid JC**: Changes in postural risk and general health associated with a participatory ergonomics education program used by heavy video display terminal users: A Pilot Study. *Journal of Hand Therapy* 16:29-35, 2003.
59. **MacDermid JC**, Tottenham V: Responsiveness of the Disability of the Arm Shoulder and Hand (DASH) and Patient-Rated Wrist/Hand Evaluation (PRWHE) in evaluating change after hand therapy. *Journal of Hand Therapy* 17:18-23, 2004.
58. Williams R, **MacDermid JC**, Wessel J: Student adaptation to problem-based learning in an entry-level master's physical therapy program. *Physiotherapy Research and Practice* 19:199-212, 2003
57. Zakaria D, Mustard C., Robertson J, **MacDermid JC**, Hartford K., Clark J. & Koval, J: Identifying cumulative trauma disorders of the upper extremity in workers' compensation databases. (*Physiotherapy Foundation*) *American Journal of Industrial Medicine* 43:507-18, 2003.
56. **MacDermid JC**, Rampersaud R, Bain GI, Roth JH: Trapezial arthroplasty with silicone rubber implantation for advanced osteoarthritis of the trapeziometacarpal joint of the thumb. *Canadian Journal of Surgery* 46: 103-110, 2003.
55. El-Hawary R, **MacDermid JC**, Faber KJ, Patterson SD, King GJ: Distal biceps tendon

repair: comparison of surgical techniques. *Journal of Hand Surgery* 28: 496-502, 2003.

54. Gofton W, **MacDermid JC**, Patterson SD, Faber K, King GJK Functional outcome of AO type C distal humeral fractures. *Journal of Hand Surgery* 28:294-308, 2003.
53. Bellamy N, Campbell J, Haraoui B, Gerez-Simon E, Buchbinder R, Hobby K, **MacDermid JC**: Clinimetric properties of the AUSCAN Hand Osteoarthritis Index: An evaluation of reliability, validity and responsiveness. *Osteoarthritis and Cartilage* 10:863-869, 2002.
52. Bellamy N, Campbell J, Haraoui B, Gerez-Simon E, Buchbinder R, Hobby K, Roth JH, **MacDermid JC**: Dimensionality and clinical importance of pain and disability in hand osteoarthritis. Development of the Australian/Canadian (AUSCAN) osteoarthritis index. *Osteoarthritis and Cartilage* 10:855-862, 2002
51. Zakaria D, Robertson J, **MacDermid JC**, Hartford K, Koval J: Work-related cumulative trauma disorders of the upper extremity: Navigating the literature. *American Journal of Industrial Medicine* 42:258-269, 2002.
50. **MacDermid JC**, Fehr LB, Geiger KC: The Effect of Physical Factors on Grip Strength and Dexterity. *British Journal of Hand Therapy* 7:112-118, 2002.
49. **MacDermid JC**: Critically Appraised Papers. Commentary on: A hand brace improves symptoms and function in carpal tunnel syndrome (Manente G, Torrieri F, Bi Biasio F, Staniscia T, Romano F Uncini A: An innovative brace for carpal tunnel syndrome: a randomized controlled trial. *Muscle and Nerve* 24:1020–25, 2001) *Australian Journal of Physiotherapy* 48:134, 2002.
48. **MacDermid JC**, Fess EE, Bell-Krotoski J, Cannon NM, Gettle KS, Laseter G, Mackin E, Santore G, Szabo R, Walsh W: A Research Agenda for Hand Therapy. (*American Hand Therapy Foundation*) *Journal of Hand Therapy* 15:3-15, 2002.
47. Zakaria D, Robertson J, **MacDermid JC**, Hartford K, Koval J: Estimating the at risk population for work-related injuries covered by the Ontario Workplace Safety and Insurance Board. *Journal of Chronic Disease* 23(1)- 17-21, 2002.
46. **MacDermid JC**, Donner A, Bellamy N, Richards RS, Roth JH: Baseline predictors of patient rated pain and disability six-months after distal radius fracture. (*Lawson Health Research Institute/Ministry of Health*) *Journal of Clinical Epidemiology* 55:849-854, 2002.
45. Moro JK, Weirer J, **MacDermid JC**, Patterson SD, King GJW: Outcome of metal radial head arthroplasty for unreconstructable radial head fractures. *Journal of Bone and*

Joint Surgery 83A: 1201-1211, 2001.

44. McKay S, **MacDermid JC**, Roth JH, Richards RS: Assessment of complications in distal radius fracture. Journal of Hand Surgery (Am) 26(5):916-922, 2001.
43. **MacDermid JC**, Fox E, Roth JH: Validity of Tip-to-distal-palmar-crease measures as indicators of composite flexion. Journal of Hand Surgery 26:432-5, 2001.
42. Bailey C, **MacDermid JC**, Patterson SD, King GJW: Outcome of plate fixation of olecranon fractures. Journal of Orthopaedic Trauma, 15(8): 542-547, 2001.
41. **MacDermid JC**, Alyafi T, Richards RS, Roth JH: Test-retest reliability of static and endurance grip tests performed on the Jamar and NK devices. Physiotherapy Canada March 53(1): 48-54, 2001.
40. Lo IKY, **MacDermid JC**, Bennett JD, Bogoch E, King GJW: The radioulnar ratio: A new method to quantify distal radioulnar joint subluxation. Journal of Hand Surgery 26A: 236-243, 2001.
39. **MacDermid JC**, Mule M: Concurrent validity of the NK Dexterity Test. Physiotherapy Research. 6(2): 83-93, 2001.
38. **MacDermid JC**, Evenhuis W, Louzon W: The inter-instrument reliability of pinch strength measures Journal of Hand Therapy 14: 36-42, 2001.
37. Kramer JF, Birmingham T, **MacDermid JC**, Bankovich P, Capell J, Eid M, Widrich B: Isokinetic leg extensor strength in healthy older adults: A comparison of two methods to assess test-retest reliability. Physiotherapy Canada 53(2): 115-120, 2001.
36. **MacDermid JC**: Patient-rated elbow evaluation: development and reliability. Journal of Hand Therapy 14(2): 105-114, 2001.
35. **MacDermid JC**, Richards, Roth JH: Prospective outcome study of 275 distal radius fractures. Journal of Hand Therapy 14(2): 154-169, 2001.
34. **MacDermid JC**, Donner A, Hildebrand K, Richards RS, Bellamy N, Roth JH: Reliability of radiographic measures and classification systems in distal radius fractures. Canadian Journal of Plastic Surgery 9(2), 51-58, 2001.
33. McOwan C, **MacDermid JC**: Evaluation of scar: A review of outcome instruments. Journal of Hand Therapy 14(2):77-85, 2001.
32. Hildebrand KA, Ross DC, Patterson SD, Roth JH, **MacDermid JC**, King GJW: Dorsal perilunate dislocations and fracture-dislocations: Questionnaire, clinical and

- radiographic evaluation. *Journal of Hand Surgery* 25A: 1069-1079, 2000.
31. Getahun T, **MacDermid JC**, Patterson SD: Concurrent validity of shoulder outcome questionnaires in assessment of outcome after rotator cuff repair. *Musculoskeletal Research* 4:2, 119-127, 2000.
  30. Hildebrand KA, Patterson SD, Regan WD, **MacDermid JC**, King GJW: Functional outcome of semiconstrained total elbow arthroplasty. *Journal of Bone and Joint Surgery* 82A: 1379-1386, 2000.
  29. **MacDermid JC**: Development of a scale for patient rating of wrist pain and disability. Reprinted from *Journal of Hand Therapy* 9: 178-83, 1996. Hand Rehabilitation Section. American Physical Therapy Association. *Hand Prints* 17:3-8, 2000.
  28. **MacDermid JC**, Donner A, Bellamy N, Richards RS, Roth JH: Responsiveness of the SF-36, DASH, Patient Rated Wrist Evaluation and physical impairment measures after distal radius fracture. *Journal of Hand Surgery* 25A: 330-340, 2000.
  27. **MacDermid JC**, O'Callaghan C, Vanderfoort L: Inpatient rehabilitation after total knee arthroplasty: outcome and factors predicting admission. *Physiotherapy Canada* 52: 45-49, 2000.
  26. Chesworth B, **MacDermid JC**, Roth JH, Patterson SD: Movement diagram and end-feel reliability when measuring passive lateral rotation of the shoulder in patients with shoulder pathology. (*Jal Tata Research Grant*) Abstract selected, reviewed and discussed (by DJ Lawrence DC) from *Physical Therapy* 78:593-601, 1998. *The Year Book of Chiropractic* (Editor DJ Lawrence) Mosby St. Louis, 2000.
  25. **MacDermid JC**, Chesworth BM, Patterson SD, Roth JH: Validity of pain and motion indicators recorded on a movement diagram of shoulder lateral rotation. (*Jal Tata Research Grant*) *Australian Journal of Physiotherapy* 45: 269-277, 1999.
  24. Overend TJ, Wuori JL, Kramer JF, **MacDermid JC**: Reliability of a patient rated forearm evaluation questionnaire in patients with lateral epicondylitis. (*American Hand Therapy Foundation*) *Journal of Hand Therapy* 12:31-37, 1999.
  23. **MacDermid JC**, Chesworth BM, Patterson SD, Roth JH: Intratester and intertester reliability of goniometric measurement of passive lateral shoulder rotation. (*Jal Tata Research Grant*) *Journal of Hand Therapy* 12:187-192, 1999.
  22. Turgeon T, **MacDermid JC**, Roth JH: Reliability of the N-K dexterity test. (*Student Training Research Program*) *Journal of Hand Therapy* 12:7-15, 1999.
  21. MacDermid JC, Turgeon T, Beadle M, Richards RS, Roth JH: Patient rating of wrist

pain and disability: A reliable and valid measurement tool. (*American Society of Hand Surgery*) *Journal of Orthopaedic Trauma* 12(8): 577-86, 1998.

20. Bain GI, Bennett JD, **MacDermid JC**, Slethaug GP, Richards RS, Roth JH: Measurement of the scaphoid humpback deformity using longitudinal computed tomography: Intra- and interobserver variability using various measurement techniques. *Journal of Hand Surgery* 23A: 76-81, 1998.
19. Wuori JL, Kramer JF, Overend TJ, **MacDermid JC**: Strength and pain measures associated with lateral epicondylitis bracing. (*American Hand Therapy Foundation*) *Archives Physical Medicine Rehabilitation*: 79:832-837, 1998.
18. Chesworth B, **MacDermid JC**, Roth JH, Patterson SD: Movement diagram and end-feel reliability when measuring passive lateral rotation of the shoulder in patients with shoulder pathology. *Physical Therapy* 78:593-601, 1998.
17. Birmingham TB, Kramer JF, Speechley M, Chesworth BM, **MacDermid JC**: Measurement variability and sincerity of effort: Clinical utility of isokinetic coefficient of variation scores. *Ergonomics* 41(6): 853-863, 1998.
16. Armstrong A, **MacDermid JC**, Chinchalkar S, Stevens RS, King GJW: Reliability of range of motion measurements in the elbow and forearm. *Journal of Shoulder and Elbow Surgery* 7:573-80, 1998.
15. Lattanzio PJ, Chess DG, **MacDermid JC**: Effect of the posterior cruciate ligament in knee-joint proprioception in total knee arthroplasty. *Journal of Arthroplasty* 13:5:580-585, 1998.
14. Birmingham TB, Kramer JK, Speechley M, Chesworth BM, **MacDermid J**: Test-retest reliability of the coefficient of variation as a measure of sincerity of effort during isometric testing. *Physiotherapy Canada* 49:186-189, 1997.
13. **MacDermid JC**, Kramer JF, McFarlane RM, Roth JH: Inter-rater agreement and accuracy of clinical tests used in the diagnosis of carpal tunnel syndrome. *Work* 8:37-44, 1997.
12. Sanders DW, Milne AD, Dobravec A, **MacDermid JC**, Johnson JA, King GJW: Cyclic testing of flexor tendon repairs: an in vitro biomechanical study. *Journal of Hand Surgery* 22A: 1004-1010, 1997.
11. **MacDermid JC**: Development of a scale for patient rating of wrist pain and disability. *Journal of Hand Therapy* 9: 178-83, 1996.
10. Bain GI, Roth JH, Pugh D, **MacDermid JC**: Matched hemiresection interposition

arthroplasty of the distal radioulnar joint. Journal of Hand Surgery 20A:944-50,1995.

9. **MacDermid J**, Kramer JK, Roth JH: Decision making in detecting abnormal Semmes-Weinstein Monofilament thresholds in carpal tunnel syndrome. Journal of Hand Therapy 7:158-62, 1994.
8. **MacDermid J**, Kramer JK, Woodbury GM, McFarlane RM, Roth JH: Inter-rater agreement of pinch and grip strength measurements in patients with cumulative trauma disorders. Journal of Hand Therapy 7:10-14, 1994.
7. Kramer JF, Nusca D, Bisbee LA, **MacDermid JC**, Boley S, Kemp D: Forearm pronation and supination: Reliability of absolute torques and non-dominant/dominant ratios. Journal of Hand Therapy 7:15-20, 1994.
6. Kramer JF, Ingham S, Walters K, Stratford P, **MacDermid J**: Reliability of absolute and ratio data in assessment of knee extensor and flexor strength. Isokinetics and Exercise Science 4:9-15, 1994.
5. Pugh DMW, Bain GI, **MacDermid J**, Roth JH: Matched Hemiresection interposition arthroplasty of the distal radioulnar joint. Surgical Forum 45:612-4, 1994.
4. Marsh DM, Paterson DH, Thompson RT, Cheung PK, **MacDermid JC**, Arnold JMO: Metabolic adaptations to endurance training in older individuals. Canadian Journal of Applied Physiology 18:366-78, 1993.
3. Kramer JF, Nusca D, Bisbee LA, **MacDermid JC**, Boley S, Kemp D: Isometric and isokinetic torques of the forearm pronators and supinators: Reliability and inter-relationships. Isokinetics and Exercise 3:195-201, 1993.
2. **MacDermid J**: Accuracy of clinical tests used in diagnosis of carpal tunnel syndrome: A literature review. Journal of Hand Therapy 4:169-77, 1991.
1. Kramer JF, **MacDermid J**: Isokinetic measures during concentric-eccentric cycles of the knee extensors. Australian Journal of Physiotherapy 35:9-14, 1989.

#### **PUBLICATIONS IN PEER REVIEW (9 total) (trainees underlined)**

9. **MacDermid JC**, Orton B, Tran T, Drosdowech D, Faber KJ, Patterson SD: The criterion validity of a computerized hand held dynamometer in testing isometric shoulder strength. Submitted to Journal of Hand Therapy
8. **MacDermid JC**, Carson E, Davidson S, Drysdale K, MacDonald A, Van Rooyen G,

Wyard D: Vibration threshold testing: age, sex and reliability effects. Submitted to British Journal of Hand Therapy.

7. Beadel G, **MacDermid JC**, Roth JH: The outcome following dorsal osteotomy for malunited distal radius fractures. Submitted to Journal of Hand Surgery.
6. **MacDermid JC**, Ghobrial M, Quirion KE, St-Amour A, Tsui T, Humphreys D, McCluskie J, Shewayhat E, Galea V: Validation of a performance-based test for assessing function in patients with shoulder disorders. Submitted to BMC Musculoskeletal disorders.
5. **MacDermid JC**, Galea V, Teo A, Gross A, Pierrynowski M, McLaughlin L, HaNSA: Quantitative sensory testing has moderate reliability and validity in patients with mechanical neck disorders. Submitted to Physiotherapy Canada.
4. Grewal R, Shaw P, **MacDermid JC**, King GJW: Functional Outcome Of Arthroscopic ECRB Tendon Release. Submitted to Journal of Bone and Joint Surgery.
3. Razmjou H, Bean A, **MacDermid JC**, van Osnabrugge V, Travers N, Holtby R: Cross-Sectional Validity of the Constant-Murley Outcome Measure in Patients with Rotator Cuff Disease. Submitted to Physiotherapy Canada
2. Grewal R, **MacDermid JC**, Chesworth B, Pope J: Baseline Patient and Radiographic Variables and Their Influence On Pain And Disability One Year Following Extra-Articular Distal Radius Fractures. Submitted to Journal of Orthopedic Trauma.
1. Shore B, **MacDermid JC**, Drosdowech D, Faber K, King GJ: Outcome of radial head replacement in chronic joint dysfunction. Submitted to Journal of Bone and Joint Surgery.

#### **BOOK CHAPTERS PUBLISHED (Total=4)**

4. McFarlane RM, **MacDermid JC**: Dupuytren's Disease (Chapter 57). In Rehabilitation of the Hand and Upper Extremity Fifth Edition. Editors Mackin EJ, Callahan AD, Skirven TM, Schneider LH and Osterman AL; Mosby. Pages 971-988, 2002.
3. **MacDermid JC**: Outcome measurement in the upper extremity (Chapter 17) in Rehabilitation of the Hand and Upper Extremity Fifth Edition. Editors Mackin EJ, Callahan AD, Skirven TM, Schneider LH and Osterman AL; Mosby. Pages 285-296.2002

2. **MacDermid J:** Post-operative management. in McFarlane RM: Dupuytren's disease. in Green DP (ed) Operative Hand Surgery Edition 3 Churchill Livingstone pages 589-90, 1993.
1. McFarlane RM, **MacDermid JC:** Dupuytren's Disease. in Rehabilitation of the Hand. Editors Hunter et al; Mosby Co. Volume II 1894-1987, 1995.

### **BOOKS/CHAPTERS IN PROGRESS (1 Book; 12 Chapters)**

11. **MacDermid J**, Chung K: Clinical Research in Hand Surgery . Hand Clinics (In Press 2007).
10. **MacDermid J**, Nicholson D: Chapter 11: Practice Guidelines, Algorithms, and Clinical Pathways in Law M, **MacDermid J** (Editors): Evidence-based rehabilitation. Slack Publishing., 2007
9. Law M, **MacDermid J:** Chapter 10: Building Evidence in Practice in Law M, **MacDermid J** (Editors): Evidence-based rehabilitation. Slack Publishing., 2007
8. **MacDermid J**, Law M: Chapter 8: Comparison of Systematic Reviews of Clinical Practice Guidelines, Clinical Pathways and Algorithms in Law M, **MacDermid J** (Editors): Evidence-based rehabilitation. Slack Publishing., 2007
7. **MacDermid J**, Law M: Chapter 6: Evaluating the Evidence in Law M, **MacDermid J** (Editors): Evidence-based rehabilitation. Slack Publishing., 2007
6. **MacDermid J**, Michlovitz S: Chapter 4: Outcomes in Evidence-Based Practice in Law M, **MacDermid J** (Editors): Evidence-based rehabilitation. Slack Publishing. 2007
5. Law M, **MacDermid J:** Chapter 1: Introduction to Evidence-Based Practice in Law M, **MacDermid J** (Editors): Evidence-based rehabilitation. Slack Publishing. 2007
4. Law M, **MacDermid J** (Editors): Evidence-based rehabilitation. Slack Publishing. 2007
3. **MacDermid JC:** What is the optimal rehabilitative approach to post-traumatic elbow stiffness? Evidence Based Orthopaedics . (Elsevier) 2007
2. **MacDermid JC:** Wrist Outcome Scores in Cooney W: The Mayo Wrist Book. 2007
1. **MacDermid JC:** Upper Limb Musculoskeletal Problems in Partridge C (ed): Recent Advances in Physiotherapy, 2007.

## **NON PEER-REVIEWED (AND INVITED) RESEARCH PUBLICATIONS (Total=15)**

15. **MacDermid JC:** Maximizing Upper Extremity Function: Integrating Our Foundations, Patients' Goals, and Evidence. Nathalie Barr lecture delivered at the ASHT Annual Meeting, San Antonio, September 2005. *Journal of Hand Therapy*, 19(1): 45-9. 2006.
14. **MacDermid JC:** Update: The Patient-rated Forearm Evaluation is now the patient-rated tennis elbow evaluation. *Journal of Hand Therapy* 4: 407-410, 2005.
13. **MacDermid JC, King GJW:** Evidence-based Orthopaedics Commentary: Functional outcome was better after percutaneous surgery than after open formal release for tennis elbow. *The Journal of Bone and Joint Surgery* 87A: 467, 2005.
12. **MacDermid JC:** Master Cases in Hand and Wrist Surgery: Book Review. *Journal of Orthopaedic and Sports Physical Therapy* 35:19, 2005.
11. **MacDermid JC:** (Invited) Clinical Researcher's Commentary on " Physiotherapist management of patients with lateral epicondylitis: results of a provincial survey" *Physiotherapy Canada* 56(4): 226-228, 2005.
10. **MacDermid JC:** (Invited) Commentary On "Compensatory Mechanism use during the first 6 months following distal radius fracture". *International Journal of Therapy and Rehabilitation*. 11(10): 475, 2004.
9. **MacDermid JC:** Editorial: The Evidence-based Practice Issue. *Journal of Hand Therapy* 17: 103-104, 2004.
8. **MacDermid JC:** Book Review: Effective Management of Musculoskeletal Injury. A Clinical Ergonomics Approach to Prevention, Treatment and Rehabilitation. *Journal of Hand Therapy* 17:72, 2004.
7. **MacDermid JC:** Book Review: The Upper Limb and Hand. *Journal of Hand Therapy* 14:54-55, 2001.
6. **MacDermid JC:** Editorial: The Outcome Issue. *Journal of Hand Therapy* 14: 61-62, 2001.
5. **MacDermid JC:** Authors Response (to Schweitzer G: Letters to the Editor: Wrist Impairment. *Journal of Orthopaedic Trauma* 13:395, 1999) *Journal of Orthopaedic Trauma* 13:395, 1999.
4. **MacDermid JC, O Callaghan C, Vantfoort L:** A clinical study in progress. Inpatient

Rehabilitation after total knee arthroplasty: Effectiveness and risk factors for admission. Orthopaedic Division Review 4:28, 1994.

3. **MacDermid JC:** Sample size: what goes wrong? ASHT News 12(5): 6-7,1992.
2. **MacDermid J:** Research design in the clinic. ASHT News 12(4): 16-17, 1992.
1. **MacDermid J:** Evaluating therapy literature. ASHT News 12(2): 6, 1992.

### **PUBLICATIONS ABSTRACTED/ REPRINTED FROM PUBLISHED WORKS (Total=4)** **Trainees underlined**

5. Abstraction of: Gibson K, Growse A, Wray E, MacDermid JC: The effectiveness of rehabilitation for nonoperative management of shoulder instability: A systematic review. Journal of Hand Therapy, 17(2): 229-242, 2004. NHS Centre for Reviews and Dissemination, University of York. (<http://nhscrd.york.ac.uk/online/dare/>) Record number and entry date: 303938, 06/03/2006
3. Abstraction of: Trudel D, Duley J, Zastrow I, Kerr EW, Davidson R, MacDermid JC: Rehabilitation for Patients with Lateral Epicondylitis: A Systematic Review. Journal of Hand Therapy 17(2): 243-266, 2004. NHS Centre for Reviews and Dissemination, University of York. (<http://nhscrd.york.ac.uk/online/dare/>) Record number and entry date: 20049810, 30/11/2005.
2. Abstraction of : Mueller M, Tsui D, Schnurr R, Biddulph-Desiroth L, Hard J, MacDermid JC: The effectiveness of hand therapy interventions in primary management of carpal tunnel syndrome: A systematic review. Journal of Hand Therapy. 17(2): 210-219, 2004 NHS Centre for Reviews and Dissemination, University of York. <http://nhscrd.york.ac.uk/online/dare/>), Record number and entry date: 20049812 30/09/2005
1. Abstraction of: Williams RM, Schmuck G, Westmorland M, **MacDermid JC:** Effectiveness of Workplace Rehabilitation Interventions In the Treatment of Work-Related Upper Extremity Disorders: A Systematic Review. Journal of Hand Therapy, 17(2): 267-273, 2004. NHS Centre for Reviews and Dissemination, University of York. (<http://nhscrd.york.ac.uk/online/dare/>) Record number and entry date: 20049809 30/09/2005

### **PUBLICATIONS ARISING FROM INTERVIEWS, OTHER KNOWLEDGE TRANSLATION**

2. Valeo T: How to handle high-tech hand injuries. Experts explain how to avoid hand

problems that may be related to using some of our favourite gadgets. WebMD Feature, 2007. based on Interview of Evans P, Dassini L, Doyon S, **MacDermid JC**. 2007.

1. (Interview of) Howell J, Amadio P, **MacDermid JC**, Merritt WH, Michlovitz M, Robinson S, Walsh M: What evidence do you have for that? Around the hand table (transcribed/published verbatim) American Association Hand Surgery 11-24, 2006.

**PEER-REVIEWED PRESENTATIONS/PUBLISHED ABSTRACTS (Total =167: Past Five Years= 55) (presenter underlined); trainees in italics)**

167. **MacDermid JC**, Goring,L Kasabski J, Rowling N, Smith S, Yates L: Measurement of cold intolerance in nerve pathology :reliability and relation to symptoms. International Federation for Societies for Hand Therapy. Sydney, Australia. March 15, 2007.
166. **MacDermid JC**, *Humphrey R*, Ross DC, Richards RS: Validation of Scales Used to Assess outcome of CMC Arthroplasty. International Federation for Societies for Surgery of the Hand. Sydney, Australia. March 15, 2007.
165. Shore B, Mozzon JB, **MacDermid JC**, Faber K, King GJ. Outcome of metal radial head arthroplasty in post-traumatic elbow reconstruction. American Academy of Orthopaedic Surgery Annual Meeting San Diego, CA. February 14-18, 2007.
164. Nguyen D, Ferreira, Brownhill J, King GJK, Johnson J, Faber K, Drosdowech DS, **MacDermid JC**. Improved accuracy of computer assisted glenoid implantation: A randomized controlled trial. American Academy of Orthopaedic Surgery Annual Meeting San Diego, CA. February 14-18, 2007.
163. Morash J, Galea V, **MacDermid J**, Gross A, Pierrynowski M. Neural strategies controlling the shoulder and arm during a high reach and grasp task in patients with mechanical neck disorders (MND). Orthopedic Symposium, Calgary, Canada, Oct 13-15:p-42, 2006 .
162. Bradley LB, Galea V, **MacDermid J**, Gross A, Pierrynowski MM. Upper limb function in patients with mechanical neck disorder: Joint kinematics. Orthopedic Symposium, Calgary, Canada, 2Oct 13-15: p-43, 2006 .
161. Shore B, **MacDermid JC**, Faber KJ, King GJ: Outcome of metal radial head arthroplasty in elbow reconstruction. 61<sup>st</sup> Annual Meeting of the American Society for Surgery of the Hand. Washington, D.C.
160. **MacDermid JC**, Woodhouse L, Miller P: The use of quality-of-life measures in clinical

practice and research. Canadian Physiotherapy Association. Saint John, New Brunswick. June 29, 2006.

159. Nguyen D, Ferreira L, Brownhill J, Kedgley A, **MacDermid JC**, King G, Drosdowch D, Johnson J, Faber K, Garvin G, Mozzon J : Improved accuracy of computer assisted glenoid implanation: A randomized controlled trial. Canadian Orthopedic Association, Annual Meeting, Toronto, June 2-4, 2006.
158. **MacDermid JC**, Quiron BK, Ghobrial M, St-Amour M, Tsui T: Validation of a new functional test for the shoulder. Canadian Orthopedic Association, Annual Meeting, Toronto, June 2-4, 2006.
157. Bryant D, **MacDermid JC**, Devereaux PJ, Bednarski E, The Expertise-based RCT Working Group: Patients prefer to participate in expertise-based randomized clinical trials. Canadian Orthopedic Association, Annual Meeting, Toronto, June 2-4, 2006.
156. Faber KJ, MacDermid J, Bordages G, and Downing S: Initial validation of in-training assessment tools used to measure orthopaedic resident performance. Canadian Orthopedic Association, Annual Meeting, Toronto, June 2-4, 2006.
155. Lanting B, **MacDermid JC**, Drosdowech D, Faber KJ: Management of proximal humeral fractures: A systematic review. Submitted to Journal of Shoulder and Elbow Surgery. (*Student Research Training Program, UWO*) Canadian Orthopedic Association, Annual Meeting, Toronto, June 2-4, 2006.
154. **MacDermid JC**, M Ghobrial, K Quirion, M St-Amour, T Tsui: Validation of a new functional test for the shoulder. Canadian Orthopedic Association, Annual Meeting, Toronto, June 2-4, 2006.
153. Yeung T, Wessel J, **MacDermid J**, Stratford P: Validation of the Lower Extremity Functional Scale on in-patients attending an orthopaedic rehabilitation program. Canadian and Mexican Rheumatology Associations combined meeting, Acapulco, Mexico, February 16-19, 2006 *received the Carolyn Thomas award for best scientific abstract from the Arthritis Health Professions Association.*
152. Yeung T, Wessel J, **MacDermid J**, Stratford P: Validation of the Lower Extremity Functional Scale on in-patients attending an orthopaedic rehabilitation program. GTA Rehab Network Best Practices Day, Toronto, February 28, 2006; *received the award for the best student poster.*
151. **MacDermid JC**, Humphrey R, Ross DC, Richards RS: Validation of Scales Used to Assess outcome of CMC Arthroplasty. Orthopaedic Symposium, London, Ontario, October 28, 2005.

150. **MacDermid JC**, Galea V, Pierrynowski M, Popelas C, Gross A, McLaughlin L, Graham N, HaNSA: The relationship between quantitative sensory tests or electrophysiology and disability in patients with mechanical neck disorders. Orthopaedic Symposium, London, Ontario, October 28, 2005. Orthopedic Division Review March/April:21, 2006.
149. Pierrynowski M, Galea V, **MacDermid J**, Gross A, Kumbare D, Parkinson B, Teo A, Missiuna P, McLaughlin L, McPhee C, Graham N, Lee A, Marley T. The head and neck, shoulder, arm (HaNSA) research group conceptual framework. Orthopaedic Symposium, London, Ontario, October 27-30, 2005. Orthopedic Division Review March/April:29, 2006.
148. Teo A, Galea V, **MacDermid JC**, Gross A, McLaughlin L, Pierrynowski M: Performance of patients with mechanical neck disorder on a reach and grasp task: coordination dynamics. Orthopaedic Symposium, London, Ontario, October 27-30, 2005. Orthopedic Division Review 2006;March/April:34.
147. Galea V, Teo A, **MacDermid J**, Gross A, McLaughlin L, Pierrynowski M, The Head, and Neck, Shoulder, Arm Research Group (HaNSA). Performance of patients with mechanical neck disorders on a reach and grasp task: neural strategies.. Orthopaedic Symposium, London, Ontario, October 28, 2005. Orthopedic Division Review March/April:21, 2006
146. Sadi J, **MacDermid JC**, Chesworth B, Birmingham T: Epidemiology of musculoskeletal disorders reported to an automotive on-site physiotherapy clinic over 13 years. Orthopaedic Symposium, London, Ontario, October 28, 2005.
145. **MacDermid JC**, Humphrey R, Ross DC, Richards RS: Validation of Scales Used to Assess outcome of CMC Arthroplasty. Canadian Orthopaedic Conference, Montreal, Quebec June 5, 2005.
144. Grewal RR, Faber KJ, MacDermid JC, Drosdowech D, King GJK: A Prospective Study Of The Modular Radial Head Arthroplasty For Unreconstructable Fractures Of The Radial Head. Canadian Orthopaedic Conference, Montreal, Quebec June 4, 2005.
143. **MacDermid JC**, Michlovitz S, Rafuse R, Wells-Rowell C, Wong O, Bisbee L. Does A Push-Off Test Or Other Physical Impairments Explain Disability In Daily Activities And Work In Patients With Wrist And Elbow Pathology. Canadian Orthopaedic Conference, Montreal, Quebec June 3-5, 2005.
142. Shah P, **MacDermid JC**, King GJK: The Functional And Objective Outcome Of Arthroscopic Tennis Elbow Release. Canadian Orthopaedic Conference, Montreal, Quebec June 5, 2005.

141. *Nguyen D, Ferreira L, Browhill J, Kedgley A, MacDermid JC, King GJW, Drosdowech D, Johnston JA, Faber KJ: Total Shoulder Arthroplasty: Comparison Of Three Different Methods Of Version Measurement. Canadian Orthopaedic Conference, Montreal, Quebec June 5, 2005.*
140. *MacDermid JC, Deveraux PJ, Bryant D, The Expertise-based Group: The Expertise-based Randomized Trial. Canadian Connective Tissue Conference, Montreal, Quebec. May 27, 2005.*
139. *Geldart S, Lin C, Williams R, Westmorland M, Shannon H, MacDermid J. Work organization and its relationship to health: Qualitative results from focus groups and interviews. Canadian Association for Research on Work and Health (CARWH) Bi-Annual Symposium. Vancouver, BC. May 2005.*
138. *Neilson W, MacDermid JC: Evaluation Of The Generalized Work Distress Scale In Patients With Work-Related Upper Extremity Disorders. Workplace Safety and Insurance Board: Solutions for Workplace Change Conference, Toronto, Ontario November 18, 2004*
137. *MacDermid JC, Michlovitz S, Bisbee L, Rafuse R, Wells-Rowell C, Wong O, : Do Physical Impairments Explain Disability In Daily Activities and Work in Patients With Wrist And Elbow Problems? Workplace Safety and Insurance Board: Solutions for Workplace Change Conference, Toronto, Ontario November 18, 2004.*
136. *MacDermid JC, Richards RS, Roth JH, McMurtry R: Predictors of time lost from work following a distal radius fracture. Canadian Orthopaedic Association Annual Meeting. Calgary, Alberta. June 19, 2004.*
135. *Brooks D, MacDermid JC, Solway S, Switzer-McIntyre S, Brosseau L, Graham I: Evaluating the Quality of Clinical Practice Guidelines (CPGs) in Physical Therapy. Canadian Physiotherapy Association/ OPPQ National Congress. May 28, 2004*
134. *Tsui D, Schnurr R, Hard J, Mueller M, Biddulph-Desiroth L, MacDermid JC: Systematic review: The effectiveness of conservative physiotherapy treatment in the management of carpal tunnel syndrome. Canadian Physiotherapy Association/ OPPQ National Congress. May 28, 2004.*
133. *MacDermid JC, Nguyen D, Faber K, King GJ: Arthroscopic release is effective in management of persistent elbow contracture. Canadian Physiotherapy Association/ OPPQ National Congress. May 28, 2004.*
132. *Gibson K, Growse A, Korda L, Wray E, MacDermid JC: The Effectiveness of Rehabilitation for Nonoperative Management of Shoulder Instability: A Systematic*

Review. Canadian Physiotherapy Association/ OPPQ National Congress. May 28, 2004.

131. Viskontas DG, **MacDermid JC**, Faber KJ, Drosdowech DS, Garvin G, Romano WM Lateral Acromion Angle: Do x-ray and MRI interpretations correlate and is it a reliable method of acromion morphology assessment? 11th Meeting of the Combined Orthopaedic Associations. Sydney, Australia
130. **MacDermid JC**, Richards RS, Roth JH, McMurtry R: Predictors of time lost from work following a distal radius fracture. American Society of Hand Therapists. Hollywood, CA. October 20, 2003. Journal of Hand Therapy 17: 82, 2004.
129. Lowden C, Attiah M, **MacDermid JC**, Faber KJ, Garvin G, Osman S: The prevalence of wrist ganglia in an asymptomatic population: magnetic resonance. American Society of Hand Therapists. Hollywood, CA. October 20, 2003.\* Awarded Best Scientific Paper. Journal of Hand Therapy 17:84, 2004.
128. Viskontas DG, **MacDermid JC**, Faber KJ, Drosdowech DS, Garvin G, Romano WM Lateral Acromion Angle: Do x-ray and MRI interpretations correlate and is it a reliable method of acromion morphology assessment? 9th International Congress on Surgery of the Shoulder. Washington,DC. May 2-4, 2-4.
127. Lowden C, Attiah M, **MacDermid JC**, Faber KJ, Garvin G, Osman S: The prevalence of wrist ganglia in an asymptomatic population: magnetic resonance. Canadian Orthopaedic Association. Winnipeg, Manitoba, October 2-5, 2003.
126. Beadel G, **MacDermid JC**, Sanders D, Roth JH: Dorsal opening osteotomy for healed angulated distal radius fractures using cancellous bone graft. Canadian Orthopaedic Association. Winnipeg, Manitoba, October 4, 2003.
125. **MacDermid JC**, Drosdowech D, Faber KJ: Responsiveness of shoulder self-report scales in evaluating recovery following rotator cuff repair. Canadian Orthopaedic Association. Winnipeg, Manitoba, October 4, 2003.
124. Dubberley JH, Faber KJ, **MacDermid JC**, Patterson SD, Romano W, Garvin G, Bennett J, King GJW: MRI and CT arthrography have limited utility for the detection of loose bodies in the elbow. Canadian Orthopaedic Association. Winnipeg, Manitoba, October 4, 2003.
123. Dubberley JH, Faber KJ, **MacDermid JC**, Patterson SD, King GJW: Outcome after ORIF of capitellum and trochlear fractures. Canadian Orthopaedic Association. Winnipeg, Manitoba, October 4, 2003.
122. Sahajpal D, Drosdowech D, **MacDermid JC**, Patterson SD, Faber KJ: A prospective

evaluation of function and strength after rotator cuff surgery. Canadian Orthopaedic Association. Winnipeg, Manitoba, October 4, 2003.

121. Viskontus D, Faber K, Drosdowech D, **MacDermid JC**: Lateral acromion angle: Do x-ray and MRI interpretations correlate and is it a reliable method of acromion morphology assessment? Canadian Orthopaedic Association. Winnipeg, Manitoba, October 4-6, 2003.
120. Beadel G, **MacDermid JC**, Sanders D, Roth JH: Dorsal opening osteotomy for healed angulated distal radius fractures using cancellous bone graft. 58th Annual Meeting American Society for Surgery of the Hand. Chicago, Illinois. September 19-20, 2003
119. Beadel G, **MacDermid JC**, Sanders D, Roth JH: Dorsal opening osteotomy for healed angulated distal radius fractures using cancellous bone graft. Adrian E. Flatt Resident and Fellows Conference. Chicago, Illinois September 18, 2003.
118. **MacDermid JC**, Roth JH, Gibson E: Development of Outcomes-based Approach to Evaluation in a WSIB Upper Limb Specialty Clinic. Achieving Excellence through Collaboration: Best Rehabilitation Outcomes Conference. Toronto, Ontario. September 2003.
117. Patterson SD, King GW, Dubberley JH, Faber KJ, **MacDermid JC**: Outcome after ORI of Capitellum/Trochlea Fractures. Florida Hand Society Meeting, Orlando, Florida September 2003
116. **MacDermid JC**, Tottenham V: The responsiveness of the Patient-rated Wrist/Hand Evaluation (PRWHE) and the DASH in assessing change related to hand therapy in patients with wrist or hand pathology. Annual Meeting of the American Society of Hand Therapists. Ottawa, Ontario. September 20, 2002. Journal of Hand Therapy 16: 272-73, 2003.
115. **MacDermid JC**, Gan BS, Miller T, Ross D, Richards RS, Roth JH, King GJK: The use of astaxanthin as an adjunct in the management of carpal tunnel syndrome: A randomized trial. Annual Meeting of the American Society of Hand Therapists. Ottawa, Ontario. September 20, 2002. Journal of Hand Therapy 16: 270-71, 2003
114. **MacDermid JC**, The Patient-rated Forearm and Elbow Evaluation Questionnaires. National Congress 2002. Canadian Physiotherapy Association. Halifax, NS. July 13, 2002
113. **MacDermid JC**, The responsiveness of the Patient-rated Wrist/Hand Evaluation (PRWHE) and the DASH in assessing change related to hand therapy in patients with wrist or hand pathology. National Congress 2002. Canadian Physiotherapy Association. Halifax, NS. July 13, 2002

112. **MacDermid JC**: Evaluation of Sensibility in the Hand. National Congress 2002. Canadian Physiotherapy Association. Halifax, NS. July 13, 2002
111. **MacDermid JC**, Wessel J, Williams RM: Student adaptation to problem-based learning. Society for Teaching and Learning in Higher education, Hamilton Ontario June 14, 2002
110. Wessel J, Williams RM, MacDermid JC: Using reflective journal writing in a problem-based curriculum. Society for Teaching and Learning in Higher education, Hamilton Ontario June 13, 2002
- 109 Gofton W, MacDermid JC, Patterson SD, King GJK: Functional outcome of type C humeral fractures. Florida Hand Society Meeting, May 17, 2002
108. **MacDermid JC**: Research design issues in hand surgery/ therapy clinical trials. Great Lakes Hand Meeting, Hamilton Ontario May 11, 2002
107. Tottenham V, **MacDermid JC**: Responsiveness of self-report scales in hand therapy. Great Lakes Hand Meeting, Hamilton Ontario May 11, 2002
106. Hubbard MC, MacDermid JC: Vibration threshold testing in carpal tunnel syndrome. Analysis strategies for using a new automated tool. Great Lakes Hand Meeting, Hamilton Ontario May 11, 2002
105. Sahaipal D, Drosdowech K, Faber K, **MacDermid JC**: The outcome following rotator cuff repair. Awarded best paper at Dept of Surgery Research Day, Queens University March 23, 2002
104. **MacDermid JC**: The relationship between joint-specific and generic measures in patients with distal radius fractures. American Physical Therapy Combined Sections Meeting, Boston, Mass. February 21, 2002.
103. **MacDermid JC**, Stevens R, Juras L, Carr D, Richards RS, Roth JH: The reliability and validity of the rapid exchange grip test. American Physical Therapy Combined Sections Meeting, Boston, Mass. February 21, 2002.
102. El-Hawary R, Faber K, King GJK, **MacDermid JC**, SD Patterson: Distal biceps tendon ruptures: Comparison of One- vs. two- incision surgical repair techniques. American Academy of Orthopaedic Surgeons 69th Annual Meeting. February 15, 2002, Dallas Texas.
101. **MacDermid JC**, Richards RS, Roth JH, King GJK, Ross D: Endoscopic versus open carpal tunnel release: A randomized trial. American Society of Hand Therapists

Annual Meeting, Nashville, Tennessee October 21, 2001. Award for best scientific paper.

100. **MacDermid JC**, Richards RS, Roth JH: Baseline predictors of patient rated pain and disability six-months after a distal radius fracture. American Society of Hand Therapists Annual Meeting, Nashville, Tennessee October 21, 2001.
99. Gofton W, **MacDermid JC**, King GJK: Functional outcome of type C humeral fractures. American Society of Hand Therapists Annual Meeting, Nashville, Tennessee October 21, 2001.
98. **MacDermid JC**: Reliability and Concurrent Validity of the Patient-rated Elbow Evaluation and Other Outcome Questionnaires in Patients with Elbow Pathology. Canadian Physiotherapy Association National Congress June 2001. Calgary, Alberta Physiotherapy Canada 53(1): S25 2001.
97. **MacDermid JC**, Richards RS, Roth JH, King GJK, Ross D: Endoscopic versus open carpal tunnel release: A randomized trial. 8th Congress of the International Federation of Societies for Surgery of the Hand. Istanbul, Turkey June 13, 2001.
96. **MacDermid JC**: Reliability and Concurrent Validity of Patient-rated Elbow Questionnaires. Fifth Congress of International Federation of Societies for Hand Therapy. June 12, 2001.
95. **MacDermid JC**: Outcome after distal radius fracture. Fifth Congress of International Federation of Societies for Hand Therapy. June 12, 2001.
94. **MacDermid JC**: Reliability and Concurrent Validity of Patient-rated Elbow Questionnaires. Canadian Orthopaedic Association, London, Ontario June 3, 2001.
93. **MacDermid JC**, Fess EE, Bell-Krotoski J, Evans RB, Gettle KS, Laseter G, Mackin E, Santore G, Szabo R, Walsh W: Practice and Research: Priorities of Hand Therapists. American Society of Hand Therapists Annual General Meeting. Seattle Washington, October 7, 2000. Journal of Hand Therapy 14(3): 229-230, 2001.
92. **MacDermid JC**, Carroll K, Gandhi R: The reliability and validity of inclinometry in evaluation of lumbar flexion and extension. Canadian Physiotherapy Association National Congress June 2001. Calgary, Alberta. Physiotherapy Canada 53(1): S29, 2001.
91. Temple CLF, Ross DC, Garvin G, Bennett J, Faber K, King GJW, Maxell B, McAulay P, **MacDermid JC**: CT vs. plain film radiography in the diagnosis of scaphoid fractures. Manus/Great Lakes Hand Meeting. London, Ontario, June 4, 2001.

90. El-Hawary R, Faber K, King GJK, **MacDermid JC**, SD Patterson: Distal biceps tendon ruptures: Comparison of One- vs. two- incision surgical repair techniques. Canadian Orthopaedics Association, London, Ontario. June 4, 2001.
89. Temple C, Ross D, Garvin G, Bennett JD, King GJW, Faber K, Maxell B, McAulay P, **MacDermid JC**: Sensitivity and specificity of CT vs. plain film radiography in a cadaver model of the clinical scaphoid fracture. Residents Research Day, Plastic Surgery (UWO) St. Joseph's Health Centre, London, Ontario May 4, 2001.
88. **MacDermid JC**, Richards RS, Roth JH: Baseline predictors of patient rated pain and disability six-months after a distal radius fracture. Physical Therapy 2000, Indianapolis, Indiana. June 16, 2000. Physical Therapy 80:S23, 2000. Physical Therapy 80:S58, 2000.
87. **MacDermid JC**, Richards RS, Roth JH, Ross D: Endoscopic versus open carpal tunnel release: A randomized trial. ABC Travelling Fellows 2000. London, Ontario. June 9, 2000.
86. **MacDermid JC**, McOwan C, Kramer JK, Wilton J, Roth JH: Pliability measures of scar: Reliability of two devices. Tri-Joint Congress, Toronto, Ontario May 24, 2000. The Canadian Journal of Occupational Therapy, Physiotherapy Canada, The Journal of Speech-Language Pathology and Audiology. Supplement. S12, 2000.
85. **MacDermid JC**, Richards RS, Roth JH, Ross D: Endoscopic versus open carpal tunnel release: A randomized trial. Combined American and Japanese Associations for Surgery of the Hand, Maui, March 25, 2000.
84. El-Hawary R, **MacDermid JC**, King GJK: Distal biceps repair: One vs. two incisions. 28th Annual Clinical Seminar in Orthopaedic Surgery. London Health Science Centre, London Ontario, September 21, 2000.
83. Gofton W, **MacDermid JC**, King GJK: Functional outcome of type C humeral fractures. 28th Annual Clinical Seminar in Orthopaedic Surgery. London Health Science Centre, London Ontario, September 21, 2000.
82. Duggal N, **MacDermid JC**, King GJK: Outcome of metal radial head arthroplasty in elbow reconstruction. 28th Annual Clinical Seminar in Orthopaedic Surgery. London Health Science Centre, London Ontario, September 21, 2000.
81. Richards RS, **MacDermid JC**, Roth JH, Ross D: Endoscopic versus open carpal tunnel release: A randomized trial. Manus- Canadian Association of Hand Surgeons, Edmonton Alberta, June 2000.
80. Richards RS, **MacDermid JC**, Roth JH, Ross D: Endoscopic versus open carpal

tunnel release: A randomized trial. Great Lakes Meeting, London, Ontario, March 25, 2000.

79. **MacDermid JC**, Fehr LB, Geiger KC: Physical factors related to grip strength and dexterity. Physical Therapy 2000, Indianapolis, Indiana June 16, 2000.
78. **MacDermid JC**, Getahun TY, Patterson SD: Concurrent validity of patient rating scales in assessment of outcome after rotator cuff repair. Physical Therapy 2000, Indianapolis, Indiana June 17, 2000.
77. **MacDermid JC**, Nenshi S, Farrer C, Patterson SD, King GJW: Impairments as predictors of quality of life and satisfaction in patients with total elbow arthroplasty. Tri-Joint Congress, Toronto, Ontario May 27, 2000. The Canadian Journal of Occupational Therapy, Physiotherapy Canada, The Journal of Speech-Language Pathology and Audiology. Supplement. S136, 2000.
76. Werier JM, Moro JK, **MacDermid JC**, Patterson SD, King GJW: Outcome of fractures of the distal radius treated with the pi-plate. Canadian Orthopaedic Association Edmonton, AI, May 2000.
75. Werier JM, Moro JK, **MacDermid JC**, Patterson SD, King GJW: Outcome of fractures of the distal radius treated with the pi-plate. American Society for Surgery of the Hand Seattle, September 2000.
74. **MacDermid JC**, Alyafi T, Richards RS, Roth JH: Test-retest reliability of static and endurance grip tests performed on the Jamar and NK devices. Combined American and Japanese Associations for Surgery of the Hand, Maui, March 25, 2000.
73. **MacDermid JC**, Fox E, Roth JH: Validity of Tip-to-distal-palmar-crease measures as indicators of composite flexion. Combined American and Japanese Associations for Surgery of the Hand, Maui, March 25, 2000.
72. **MacDermid JC**, Evenhous E, Louzon M: Inter-instrument reliability of pinch and grip strength. Annual Meeting of the American Society of Hand Therapists, Orlando, Florida. September 16-19, 1999. The Canadian Journal of Occupational Therapy, Physiotherapy Canada, The Journal of Speech-Language Pathology and Audiology. Supplement. S137, 2000.
71. **MacDermid JC**, McOwan C, Kramer JK, Wilton J, Roth JH: Pliability measures of scar: Reliability of two devices. American Society of Hand Therapists, Orlando, Florida, September 17, 1999
70. **MacDermid JC**, McOwan C, Kramer JK, Wilton J, Roth JH: Pliability measures of scar: Reliability of two devices. Manus Canada. The Canadian Society for Surgery of

the Hand. Montreal, Quebec, June 27, 1999.

69. **MacDermid JC**, Richards RS, Roth JH: Baseline predictors of patient rated pain and disability six-months after a distal radius fracture. Manus Canada. The Canadian Society for Surgery of the Hand. Montreal, Quebec, June 27, 1999.
68. **MacDermid JC**, Richards RS, Roth JH: Responsiveness of outcome measures in assessing recovery after distal radius fracture. American Society of Hand Therapists Annual general Meeting. New Orleans September 20, 1998. Journal of Hand Therapy 12:247-248, 1999.
67. *Turgeon T*, **MacDermid JC**, Roth JH: Reliability of the N-K Dexterity Test. American Society of Hand Therapists Annual General Meeting. New Orleans September 19, 1998. Journal of Hand Therapy 12: 239-240, 1999.
66. *Hildebrand KA*, Richards RS, Ross DC, Patterson SD, Roth JH, King GJW, **MacDermid JC**: Dorsal perilunate fracture dislocations: A multidisciplinary evaluation. The Canadian Orthopaedic Association. July 5, 1999. St. John's, Newfoundland.
65. *Moro JK*, *Werier J*, Patterson SD, **MacDermid JC**, King GJW: Outcome of radial head arthroplasty in acute radial head fractures. The Canadian Orthopaedic Association. July 5, 1999. St. John's, Newfoundland.
64. *Hildebrand KA*, Patterson SD, **MacDermid JC**, King GJW: Functional outcomes of semi-constrained total elbow arthroplasty. The Canadian Orthopaedic Association. July 5, 1999. St. John's, Newfoundland.
63. *Bailey CS*, **MacDermid JC**, Patterson SD, King GJW: Functional outcome of plate fixation of olecranon fractures. The Canadian Orthopaedic Association. July 5, 1999. St. John's, Newfoundland. Journal of Bone and Joint Surgery (Br): 82B: Suppl 1: 2, 2000.
62. *Hildebrand KA*, Richards RS, Ross DC, Patterson SD, Roth JH, King GJW, **MacDermid JC**: Dorsal Perilunate fracture dislocations: A multidisciplinary evaluation. Manus Canada. The Canadian Society for Surgery of the Hand. Montreal, Quebec, June 27, 1999.
61. **MacDermid JC**, *Fehr L*, *Geiger K*: Physical factors related to grip strength and dexterity. Annual Meeting of the American Society of Hand Therapists, Orlando, Florida. September 16-19, 1999.
60. **MacDermid JC**, Richards RS, Roth JH: Baseline predictors of patient rated pain and disability six-months after a distal radius fracture. Canadian Orthopaedic

Association, St. John's Newfoundland, July 3-5, 1999.

59. **MacDermid JC**, *Nenshi S, Farrer C, Patterson SD, King GJW*: Impairments as predictors of quality of life and satisfaction in patients with total elbow arthroplasty. Canadian Orthopaedic Association, St. John's Newfoundland, July 3-5, 1999.
58. *Getahun T, MacDermid JC, Patterson SD, Chess DA*: Concurrent validity of shoulder questionnaires. Canadian Orthopaedic Association, St. John's Newfoundland, July 3-5, 1999.
57. *Getahun T, MacDermid JC, Patterson SD, Chess DA*: outcome after rotator cuff repair. Canadian Orthopaedic Association, St. John's Newfoundland, July 3-5, 1999.
56. *Bailey C, MacDermid JC, Patterson SD, King GJW*: Outcome of plate fixation of olecranon fractures. . Open Meeting of the American Shoulder and Elbow Surgeons, Anaheim, CA. February 7, 1999. *Journal of Shoulder and Elbow Surgery* 9(5):453, 2000.
55. **MacDermid JC**, *Fox E, Roth JH*: Validity of tip-to-distal-palmar-crease measurements. American Physical Therapy Association Annual Meeting, Orlando, FL. June 4-8, 1998.
54. **MacDermid JC**, *Fox E, Roth JH*: Validity of Tip-to-distal-palmar-crease measures as indicators of composite flexion. Tri-Joint Congress Toronto, Ont May 27, 2000. *Physical Therapy*. 78:S23, 1998.
53. **MacDermid JC**, *Richards RS, Roth JH*: Responsiveness of outcome measures after distal radius fracture. International Federation for Societies for Surgery of the Hand, Vancouver BC, May 24-28, 1998.
52. *Marignani M, MacDermid JC, Roth JH*: Radiographic predictors of functional outcome for intra-articular distal radius fractures. Canadian Society of Plastic Surgery, Vancouver, May 22-24, 1998. *Canadian Journal of Plastic Surgery* 6:44, 1998.
51. **MacDermid JC**, *Richards RS, Roth JH*: Responsiveness of outcome measures in assessing recovery after distal radius fracture. Rehabilitation and Geriatric Care Research Day, Parkwood Hospital November 18, 1998.
50. **MacDermid JC**, *Richards RS, Roth JH*: A reliable and valid patient rated evaluation of wrist pain and disability. Rehabilitation and Geriatric Care Research Day, Parkwood Hospital November 18, 1998.
49. **MacDermid JC**, *Richards RS, Roth JH*: Patient rating of wrist pain and disability: A

reliable and valid measurement tool. American Society of Hand Therapists Annual General Meeting, New Orleans, September 20, 1998.

48. **MacDermid JC**, Richards RS, Roth JH: Responsiveness of outcome measures in assessing recovery after distal radius fracture. Canadian Orthopaedic Association. Ottawa, Ontario. June 19-21, 1998.
47. Richards RS, Pugh DMW, **MacDermid JC**: The effect of object size on pinch strength. International Federation for Societies for Surgery of the Hand, Vancouver, BC. May 24-29, 1998.
46. **MacDermid JC**, Richards RS, Roth JH: A reliable instrument for measuring patient rated pain and disability in clinical practice. Linkages in Rehabilitation Outcome Measurement. Cosponsored Forum on Rehabilitation and Third National Conference on Rehabilitation Outcome Measures. Toronto, Ontario November 9-10, 1997. Canadian Journal of Rehabilitation. 11(1):19,1997.
45. **MacDermid JC**, Richards RS, Roth JH: Reliability of the Patient Rated Wrist Evaluation. MANUS Canada - Canadian Society of Hand Surgery. Hamilton, Ont. May 31, 1997.
44. Bellamy N, Haraoui B, Buchbinder R, Hall S, Muirden K, Hobby K, Roth J, **MacDermid J**, Soucyl E, Gercez-Simon E, Flynn J, Campbell J: Development of a disease-specific health status measure for hand osteoarthritis clinical trials 2. Assessment of reliability and validity. Australian Rheumatology Association 40th Annual Scientific Conference. Brisbane Australia. May 1997.
43. Bellamy N, Haraoui B, Buchbinder R, Hall S, Muirden K, Hobby K, Roth J, **MacDermid J**, Soucyl E, Gercez-Simon E, Flynn J, Campbell J: Development of a disease-specific health status measure for hand osteoarthritis clinical trials 2. Assessment of reliability and validity. Canadian Rheumatology Association Meeting. Mont-Tremblant, Quebec. March 1997. Arthritis and Rheumatism: 40(9): S110, 1997.
42. Bellamy N, Campbell J, Haraoui B, Buchbinder R, Hall S, Muirden K, Gercez-Simon E, Kean W, Hobby K, **MacDermid J**, Roth J: Development of the Australian/Canadian (Auscan) Osteoarthritis (OA) Hand Index. American College of Rheumatology 61st National Scientific Meeting. Washington D.C. November 1997.
41. Fox E, **MacDermid JC**: Validity of Tip to Distal Palmar Crease Measures of Range of Motion. Ontario Physiotherapy Association Annual Conference, Mississauga, Ontario, March 1997.
40. Bain Gl, Bennett JD, Richards RS, **MacDermid JC**, Roth JH: Assessment of union

of fractures of the scaphoid using computed tomography and plain radiographs: intraobserver and inter-observer variability study. *Journal of Bone and Joint Surgery*: 79B: Suppl(V):368-9, 1997.

39. **MacDermid JC**, *Marinescu AM*, Patterson SD: Rotator cuff pathology: Strength and functional deficits. 19th Annual General Meeting American Society of Hand Therapists. Atlanta, Georgia. September 26-19, 1996. *Journal of Hand Therapy* 11:66-67, 1998.
38. *Armstrong A*, **MacDermid JC**, Chinchalkar S, Stevens RS, King GJW: Reliability of range of motion measurements in the elbow and forearm. *J Bone Joint Surg* 79B(Suppl I): 75, 1997
37. **MacDermid JC**, Armstrong A, King GJW: Evaluating ROM in the Forearm: Issues in reliability. *Muscles Alive, Orthopaedic Symposium*. May 4, 1996.
36. *Bain Gl*, Bennett JD, **MacDermid JC**, Richards RS, Roth JH: Intra- and Inter-observer variability of the measurement of the scaphoid humpback deformity using longitudinal computed tomography. New Zealand Orthopaedic Association Meeting, September 1996. *Journal of Bone and Joint Surgery* 78B(Suppl II and III): 109, 1996.
35. *Bain Gl*, Roth JH, Pugh D, **MacDermid JC**: Matched hemi-resection interposition arthroplasty of the distal radio-ulnar joint. New Zealand Orthopaedic Association Meeting, September 1996. *Journal of Bone and Joint Surgery* 78B(Suppl II and III): 109, 1996. *Canadian Journal of Surgery* 37:508, 1996
34. *Bain Gl*, Bennett JD, **MacDermid JC**, Richards RS, Roth JH: Intra- and inter-observer variability of the measurement of the scaphoid humpback deformity using longitudinal computed tomography. Australian Orthopaedic Association Meeting. Australia, September 1996.
33. *Bellamy N*, Haraoui B, Hall S, Muirden K, Roth J, Hobby K, **MacDermid J**, Campbell J: Development of a disease-specific health status measure for hand osteoarthritis clinical trials. 1. Assessment of symptom dimensionality. 26th Scandinavian Congress of Rheumatology. Reykjavik, Iceland June 1996. *The Journal of Rheumatology* 24(7): 1425, 1997. *Journal of Rheumatology Suppl* 106, 1996.
32. *Pugh DM*, Richards RS, **MacDermid JC**: The effect of object size on pinch strength. *Manus Canadian Society for Surgery of the Hand*, Halifax, NS June 1996.
31. **MacDermid JC**, Mian R, Richards RS: The Accuracy of the Jamar curve and N-K Dynagrip tests in detection of insincerity. *Manus- Canadian Society of Hand Surgery*. Halifax, NS. May 1996.

30. Armstrong A, **MacDermid JC**, Chinchalkar S, Stevens RS, King GJW: Reliability of range of motion measurements in the elbow and forearm. Canadian Orthopaedic Association 51st Annual Meeting. Quebec City, Quebec, May 1996.
29. **MacDermid JC**, Juras L, Carr D: The accuracy of the rapid exchange grip test. 19th Annual General Meeting American Society of Hand Therapists. Atlanta, Georgia, September 1996.
28. **MacDermid JC**, Roth JH, Govers MJ: Wrist Outcome Measurement: A survey of the International Wrist Investigators. 3rd International Congress of the International Federation of Societies of Hand Therapists. Helsinki, Finland July 6, 1995.
27. **MacDermid JC**, Roth JH, Govers MJ: Wrist Outcome Measurement: A Survey of the International Wrist Investigators. The International Congress of the International Federation of Societies for Surgery of the Hand. Helsinki, Finland July 5, 1995.
26. **MacDermid JC**, Roth JH, Bain G, Rampersaud R: Factors related to satisfaction in review of patients after hemi-resection arthroplasty or silastic thumb arthroplasty. ASHT Annual Meeting, Washington DC. September 24, 1994. Journal of Hand Therapy 8:50, 1995.
25. **MacDermid JC**, Chesworth BM, Roth JH: Reliability and validity of movement diagrams for recording external rotation in patients with shoulder pathology. ASHT Annual Meeting, Washington DC. September 24, 1995. Journal of Hand Therapy 8:54-55, 1995.
24. Bain GI, Bennett JD, **MacDermid JC**, Richards RS, Roth JH: Intra and inter-observer variability of the measurement of the scaphoid humpback deformity using longitudinal computed tomography. 6th International Congress of the International Federation of Societies for Surgery of the Hand. Helsinki, Finland July 4-6, 1995.
23. **MacDermid JC**, Roth JH, Richards RS: Development of a wrist outcome measure. Annual General Meeting American Society of Hand Therapists. San Francisco, California, September 14-17, 1995.
22. Bain GI, Pugh D, **MacDermid JC**: Matched hemiresection interposition arthroplasty of the distal radio-ulnar joint. 6th International Congress of the International Federation of Societies for Surgery of the Hand. Helsinki, Finland July 4-6, 1995.
21. **MacDermid JC**, Roth JH, Govers MJ: Wrist outcome measurement: A survey of the International Wrist Investigators. Manus Canada, Halifax, NS June 1995.
20. Stevens RS, **MacDermid JC**, Roth JH, Govers MJ: Test-retest reliability of the rapid

exchange method of grip strength measurement. Manus Canada, Halifax, NS June 1995.

19. **MacDermid JC**, Roth JH, Kohls J: Prediction of electrophysiologic, pain and health status variables in patients with carpal tunnel syndrome. CPA/APTA Joint Congress, Toronto, Ontario. June 6, 1994. *Physiotherapy Canada* 46 (suppl): 139, 1994.
18. **MacDermid JC**, Vantfoort L, O'Callaghan C: Inpatient rehabilitation after total knee arthroplasty: effects of treatment and risk factors for admission. CPA/APTA Joint Congress, Toronto, Ontario. June 5, 1994. Funding: Continuing Education Fund-Department of Physical Therapy University of Western Ontario. *Physiotherapy Canada* 46 (suppl) 136, 1994. *Physical Therapy* 74 (suppl) S134, 1994.
17. **Chesworth BM**, **MacDermid JC**, Roth JH: Reliability of drawing diagrams of lateral rotation in patients with shoulder pathology. CPA/APTA Joint Congress, Toronto, Ontario. June 7, 1994. Funding: Continuing Education Fund-Department of Physical Therapy University of Western Ontario. *Physiotherapy Canada* 46 (suppl):140, 1994. *Physical Therapy* 74 (suppl): S138, 1994.
16. **Kramer J**, Nusca D, Bisbee L, **MacDermid J**, Kemp D, Boley S: Forearm pronation and supination: Reliability of absolute torques and nondominant/dominant ratios. CPA/APTA Joint Congress, Toronto, Ontario. June 7, 1994. *Physiotherapy Canada* 46: (suppl) 111, 1994. *Physical Therapy* 74: (suppl) S109, 1994.
15. **Pugh D**, **Bain GI**, **MacDermid J**, Roth JH: Matched interposition arthroplasty of the distal radioulnar joint. American College of Surgeons, Chicago, Illinois. October 1994.
14. **Bain GI**, **Pugh D**, **MacDermid J**, Roth JH: Matched hemiresection interposition arthroplasty of the distal radioulnar joint. The Canadian Society for Surgery of the Hand, Ottawa, Ontario. June 1994.
13. **Purcell RA**, Roth JH, **MacDermid J**: Radioscapholunate fusion: An outcome study. Canadian Society for Surgery of the Hand, May 28-29, 1994. *Canadian Journal of Surgery* 37:513, 1994.
12. **Rampersaud R**, **Bain GI**, **MacDermid J**, Roth JH: Long term results of silastic trapezial arthroplasty. The Canadian Society for Surgery of the Hand, Ottawa, Ontario. June 1994.
11. **Pugh D**, **Bain GI**, **MacDermid J**, Roth JH: Matched interposition arthroplasty of the distal radioulnar joint. Twenty-second Clinical Seminar in Orthopaedic Surgery, London, Ontario. May 1994.

10. Rampersaud R, Bain GI, **MacDermid J**, Roth JH: Long term results of silastic trapezial arthroplasty. Twenty-second Clinical Seminar in Orthopaedic Surgery, London, Ontario. May 1994.
9. **MacDermid JC**, Roth JH, Kohls J: Inter-relationships between clinical, electrophysiologic and health variables in patients with carpal tunnel syndrome. American Society of Hand Therapists, Kansas City, Kansas. October 5, 1993. Funding: St. Joseph's Health Centre, Presentation Fund-Department of Physical Therapy University of Western Ontario.
8. **MacDermid JC**, Kramer JF, Woodbury MG, McFarlane RM, Roth JH: Inter-rater agreement and accuracy of clinical tests used in diagnosis of carpal tunnel syndrome. Canadian Physiotherapy Association, Halifax, Nova Scotia. May 25, 1993. Funding: Continuing Education Fund-Department of Physical Therapy University of Western Ontario. Physiotherapy Canada 45:3, 1993.
7. **MacDermid JC**, Kramer JF, Woodbury MG, McFarlane RM: Reliability of grip and pinch strength measurements in repetitive strain injury patients. American Society of Hand Therapists, Phoenix, Arizona. November 5, 1992. Funding: St. Joseph's Health Centre, Continuing Education Fund-Department of Physical Therapy University of Western Ontario. Journal of Hand Therapy 6:60-61, 1993.
6. **MacDermid JC**, Kramer JF, Woodbury MG, McFarlane RM: Inter-rater agreement and accuracy of clinical tests used in diagnosis of carpal tunnel syndrome. Manus-Canadian Society for Surgery of the Hand, London, Ontario. May 15, 1992. Canadian Journal of Surgery 35:453, 1992.
5. **MacDermid JC**, Kramer JF, Woodbury MG, McFarlane RM: Inter-rater agreement, sensitivity and specificity of clinical tests used in diagnosis of carpal tunnel syndrome. American Society of Hand Therapists AGM, Orlando, Florida. September 24, 1991. Funding: Physiotherapy Department, Victoria Hospital; Continuing Education Fund-Department of Physical Therapy University of Western Ontario. Journal of Hand Therapy 5:47, 1991.
4. **MacDermid J**, Fish A: Reliability of wrist flexor strength and isotonic endurance performed on the Baltimore Therapeutic Equipment Device. Canadian/CPPQ National Physiotherapy Conference, Montreal, Canada. May 18, 1991. Funding: Physiotherapy Department, Victoria Hospital; Continuing Education Fund-Department of Physical Therapy University of Western Ontario. Physiotherapy Canada 43:14, 1991.
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=101; Past Five years=45)**

101. March 2007 Rehabilitation After Distal Radius Fracture. International Wrist Symposium. Cairns, Australia.
100. 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. 1<sup>st</sup> 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.