

# **CURRICULUM VITAE**

**RUBY GREWAL, MSc, MD, FRCSC**

## **BUSINESS ADDRESS**

Hand and Upper Limb Centre  
St. Joseph's Health Centre  
268 Grosvenor Street  
London, Ontario  
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Revised: March 21, 2007

**UNDERGRADUATE TRAINING:**

- 2004 - 2006                      University of Western Ontario  
Faculty of Medicine, Department of Epidemiology and  
Biostatistics  
“Predictors of Patient Rated Pain and Disability One  
Year Following Extra-articular Distal Radius  
Fractures”  
Master of Science Degree, 2006
- 1995 - 1999                      University of British Columbia  
Faculty of Medicine  
Doctor of Medicine Degree, 1999
- 1991 - 1995                      University of British Columbia  
Faculty of Rehabilitation Sciences  
Department of Physiotherapy  
Bachelor of Science (PT) Degree, 1995

**SURGICAL TRAINING:**

- April 2006 – July 2006                      Hand and Peripheral Nerve Fellowship  
Dr. Michael A. Tonkin  
Royal North Shore Hospital  
University of Sydney  
Sydney, NSW, Australia
- July 2004 - December 2005                      Hand & Upper Extremity Fellowship  
Drs. J Roth, G. King, K. Faber, D. Drosdowech, B.  
Gan, R. Richards, C. Temple, D. Ross  
St. Joseph’s Hospital  
University of Western Ontario  
London, Ontario
- July 1999 - June 2004                      Resident, Department of Orthopaedic Surgery  
University of British Columbia  
Vancouver, British Columbia

**SPECIALTY QUALIFICATIONS:**

June 2004                                      Fellow: Royal College of Physicians and Surgeons of  
Canada - Orthopaedic Surgery

**CONTINUING EDUCATION:**

2005                                      Canadian Orthopaedic Association Annual Meeting  
Canadian Society for Surgery of the Hand  
American Society for Surgery of the Hand  
Adrian E. Flatt Residents and Fellows Meeting

2004                                      American Academy of Orthopaedic Surgeons  
American Society for Surgery of the Hand Specialty  
Day

2003                                      American Society for Surgery of the Hand  
Adrian E. Flatt Residents and Fellows Meeting

2002                                      AFIP Orthopaedic Basic Science Course, Ottawa, ON  
Evidence Based Medicine, UBC

2001                                      AO/ASIF Course - Principles of Fracture Management  
Advanced Cardiac/Trauma Life Support (ACLS, ATLS)

**MEDICAL PRACTICE EXPERIENCE:**

September 2006 – present              Orthopaedic Surgeon  
Hand and Upper Limb Centre,  
St. Joseph's Health Centre  
London, Ontario

January 2006 – Feb 2006              Orthopaedic Surgeon, Rural Locum Program, Alberta  
Queen Elizabeth II Hospital  
Grande Prairie, Alberta

March 2006                                      Orthopaedic Surgeon, Rural Locum Program, Alberta  
Medicine Hat Regional Hospital  
Medicine Hat, Alberta

**ACADEMIC APPOINTMENTS:**

September 2006 – present      Assistant Professor  
Department of Surgery  
University of Western Ontario

**AWARDS:**

2004                              Kampschuur Award – outstanding resident  
achievement

2003                              Frank B Smith Memorial Award for Outstanding  
Resident Research  
Pacific Northwest Orthopedic Society, Seattle, WA

1998                              Ernest Roland Myers Scholarship, UBC

1997                              Panhellenic Assc. And International Fraternity Council  
Scholarship, UBC

1996                              John J Mason Memorial Scholarship, UBC

1995                              Charles and Jane Banks Memorial Scholarship  
Harold and Nellie Boyes Memorial Scholarship

1993                              University of British Columbia Scholarship

1991                              Canada Science Scholarship  
Domtar University Scholarship

**SCHOLARLY AND PROFESSIONAL ACTIVITIES:**

**Examiner:**

Feb, Oct 2005, Oct 2006      Physician Examiner, International Medical Graduates  
Comprehensive Clinical Examination  
University of Western Ontario  
London, Ontario

**Professional Memberships:**

Ontario Medical Association

Ontario College of Physicians & Surgeons

Alberta Medical Association

Alberta College of Physicians & Surgeons

British Columbia Orthopaedic Association

Canadian Orthopaedic Association

Fellow Royal College of Surgeons of Canada

Medical Council of Canada

American Academy of Orthopaedic Surgeons

**COMMITTEE MEMBERSHIPS:**

**University:**

2004	Chief Resident, Department of Orthopedics, UBC
2001 – 2004	Residency Training Committee, Department of Orthopaedics, University of British Columbia
2001 – 2004	Faculty Advisory Committee, Department of Orthopaedics, University of British Columbia
1995	Vice President, Rehabilitation Sciences Undergraduate Society, University of British Columbia
1994	Academic Representative – Physiotherapy, Rehabilitation Sciences Undergraduate Society, University of British Columbia

**COURSES TAUGHT:**

May 2005                      Clinical Anatomy, Hand & Upper Limb,  
Physiotherapy St. Joseph's Hospital, London, ON

1996                              Teaching Assistant: Human Kinetics 290 and 291  
(Human Anatomy and Physiology)  
Supervisor: Robert Langill, UBC, Vancouver, BC

1995                              Diabetes Clinic for South Asian Seniors, Exercise  
education. Supervisor: Dr. A. Minhas, Dept of Internal  
Medicine, Richmond Hospital, Richmond BC

**Clinical Fellow Teaching:**

2006 – 2007                      David Sauder, J Pollack, Yishai Rosenblatt

**Orthopaedic Resident Clinical Teaching:**

September 2006 – present      Hand and Wrist Seminars  
10 students, 1 hour/week

**Resident Research Project Supervision:**

Dr. Robin Evans: Vascularized vs. non-vascularized bone grafting for scaphoid non-unions, Department of Orthopedic and Plastic Surgery, University of Western Ontario, 2007.

**Medical Student Teaching:**

Clinical Methods II – Preparation for Surgical Clerkship  
- 6 students, 9 hours - January – February 2007

Clinical Methods II - Secondary Clinical Skills: Back & Extremities  
- 25 students, 4 hours – March 2007

3rd Year Surgical Clerkship Oral Examinations  
- 3 students, 3 hours – 2007

**CONTINUING EDUCATION PRESENTATIONS & INVITED LECTURES:**

- |                |   |
|----------------|---|
| October 2006   | Shoulder and Elbow Update<br>St. Joseph's Hospital, University of Western Ontario<br>London, ON<br>"Radial Head Arthroplasty"   |
| September 2006 | Combined Rehab and HULC Grand Rounds<br>St. Joseph's Hospital, University of Western Ontario<br>London, ON<br>"Distal Radius Fractures and Pattern of Recovery"   |
| March 2005     | Orthopedic Grand Rounds<br>Foothills Hospital, University of Calgary<br>Calgary, AB<br>"Clinical Outcome Questionnaires and Distal Radius Fractures"  |
| August 2003    | Pacific Northwest Orthopedic Society, Annual General Meeting, Seattle, WA<br>"A randomized prospective study on the treatment of intra-articular distal radius fractures: open reduction and internal fixation with dorsal plating versus mini open reduction, percutaneous fixation, and external fixation." |

**BOOK CHAPTERS:**

- 1) Grewal R, King GJW - "Kapandji Pinning of Distal Radius Fractures" in Distal Radius Fractures and Carpal Injury: The Cutting Edge, Elsevier, in press.

**VIDEO PUBLICATIONS:**

- 1) Grewal R, King GJW: Evolve Modular Radial Head Prosthesis. Video Journal of Orthopedics, in production.

**JOURNAL PUBLICATIONS:**

- 1) Grewal R, MacDermid JC, Faber KJ, Drosdowech DS, King GJW. Comminuted radial head fractures treated with a modular metallic radial head arthroplasty. Study of outcomes. *J Bone Joint Surg (Am)* 88(10):2192-200, 2006.
- 2) Grewal R, Lapner P, Regan WD. Recurrent Infection of the Rotator Cuff After Open Repair: a case report. *J Shoulder Elbow Surg* 15(1):122-3, 2006.
- 3) Grewal R, Perey B, Wilmlink M, Stothers K. A randomized prospective study on the treatment of intra-articular distal radius fractures: open reduction and internal fixation with dorsal plating versus mini open reduction, percutaneous fixation, and external fixation. *J Hand Surg (Am)*: 30(4):764-72, 2005.

**IN PRESS:**

- 1) Grewal R, Ostuka NY, Jones NF. Case Report: Vascularized Free Fibular Transfer for Treating a Massive Tibial Defect using a Previously Fractured Fibula. Accepted for publication, *Journal of Plastic and Reconstructive Surgery*, February 2006.
- 2) Grewal R, MacDermid JC, Pope J, Chesworth BM. Baseline Predictors of Pain and Disability One Year Following Extra-Articular Distal Radius Fractures. Accepted for publication, *Hand* February 2007.

**SUBMITTED PAPERS:**

- 1) Grewal R, Shaw P, MacDermid JC, King GJW. Functional Outcome of Arthroscopic ECRB Tendon Release, *J Hand Surg Br*, 2006.
- 2) Grewal R, MacDermid JC. The Risk of Adverse Outcomes In Extra-articular Distal Radius Fractures Are Increased with Mal-alignment in Patients of all Ages, But Mitigated in Older Patients. *J Hand Surg*, 2007.

**PRESENTATIONS:**

(Presenter in Bold)

- 1) Grewal R, **Faber KJ**, MacDermid JC, Drosdowech DS, King GJW. A Prospective Study of Modular Radial Head Arthroplasty for Unreconstructable Fractures of the Radial Head. 5th Biennial AAOS/ASES Shoulder and Elbow: Current Techniques and Controversies, Orlando, Florida, April 2006
- 2) **Grewal R**, Faber KJ, MacDermid JC, Drosdowech DS, King GJW. A Prospective Study of Modular Radial Head Arthroplasty for Unreconstructable Fractures of the Radial Head. 59<sup>th</sup> Annual Meeting of the American Society for Surgery of the Hand, Adrian E. Flatt Residents and Fellows Conference, San Antonio, Texas, Sept 2005.
- 3) **Grewal R**, Faber KJ, MacDermid JC, Drosdowech DS, King GJW. A Prospective Study of Modular Radial Head Arthroplasty for Unreconstructable Fractures of the Radial Head. Canadian Orthopaedic Association 59<sup>th</sup> Annual Meeting, Montreal, June 2005.
- 4) **Grewal R**, Hawkins R. Latissimus Dorsi Tendon Transfer for Massive Rotator Cuff Tears: an Anatomic Study. American Academy of Orthopaedic Surgeons 71<sup>st</sup> Annual Meeting, San Francisco, CA, March 2004 (Poster Presentation).
- 5) **Grewal R**, Perey B, Wilmlink M, Stothers K. Distal Radius Fracture Study: A randomized prospective study on the treatment of intra-articular fractures of the distal radius. 57<sup>th</sup> Annual Meeting of the American Society for Surgery of the Hand, Adrian E. Flatt Residents and Fellows Conference, Chicago, IL, Sept 2003.