

Jesse Alan Slade Shantz, MD, MBA, FRCSC

14624 Park Drive NW, Edmonton, AB, T5R 5V4
Phone: (587) 336-3504 | jesse@acumenclinic.com

Post-Secondary Education:

**University of Toronto Orthopaedic Sports
Medicine Fellowship**
University Health Network, Toronto, Ontario

Completed June 2014

**Orthopedic Trauma Institute – Orthopedic
Trauma Research and Clinical Fellowship**
University of California, San Francisco General
Hospital/Orthopedic Trauma Institute,

Commenced August 1, 2011
Completion July 31, 2013

**Royal College of Physicians and Surgeons of
Canada – Orthopedic Surgery Residency
Program**
University of Manitoba – Winnipeg, MB.

Received in July 2011

**Masters of Business Administration (Health
Sector)**
Richard Ivey School of Business
University of Western Ontario – London, ON.

Received with distinction in August
2008
Clinician Investigator Program Participant

Doctor of Medicine Degree
University of Western Ontario – London, ON.

Received in May 2005

Bachelor of Science Degree in Biochemistry,
Four-year degree with first-class honours.
Queen's University – Kingston, ON.

Received in June 2000

Professional Credentials:

Royal College of Physicians and Surgeons of Canada – Active Fellow
Examination Passed – June 2011

American Board of Orthopaedic Surgeons – Board Eligible
Written Examination Passed – July 2012

Medical Board of California – Licensed Orthopaedic Surgeon
Licensed December 2011 – September 2017

College of Physicians and Surgeons of Ontario – Licensed
License granted 2013

College of Physicians and Surgeons of Alberta – Licensed
License granted 2017

College of Physicians and Surgeons of British Columbia – Licensed
License granted 2017

Medical Staff Appointments:

False Creek Healthcare Centre, Canadian Surgery Solutions, Okanagan Health and Surgery Centre – Full
Privilege Orthopedic Surgery
Lakeridge Health – Clinical Associate

Honours and Awards:

- 2011 Arthroscopy Association of North America – Winner – Smith and Nephew Resident/Fellow Scholarship Award for the essay 'From Skin to Skin: Confidence, Certainty and Doubt in Orthopedic Surgery'.
- 2011 University of Manitoba Department of Surgery Research Day – Third place research presentation
- 2010 Manitoba Orthopedic Research Day – Winner – Best research project presentation.
- 2009 American Academy of Orthopedic Surgery Orthopedic Educator Course Program Nominee – Chosen by program to attend educator course training surgeons educational theories to improve medical education in orthopedic surgery.
- 2009 Manitoba Orthopedic Research Day – Runner Up – Best research project presentation.
- 2009 American Orthopedic Association Resident Leader Forum Nominee – Chosen by program to attend leadership retreat organized by the AOA focusing on developing emerging leaders in orthopedic surgery.
- 2009 Professional Association of Interns and Residents-Manitoba – Resident of the Month (January)
- 2008 Valedictorian – Richard Ivey School of Business Graduating Class of Fall 2008. Elected valedictorian by classmates and professors.
- 2008 Gibson Education Award Recipient – Received \$15,000 grant for MBA studies from the Gibson Fund.
- 2006 Manitoba/Saskatchewan Joint Orthopedic Research Day – Runner Up – Best research project presentation.
- 2006 Professional Association of Interns and Residents-Manitoba – Resident of the Month (March)

Publications:

Published Articles

P. Henry, H. Razmjou, T. Dwyer, **J. Slade Shantz**, R. Holtby. Relationship between probability of future shoulder arthroplasty and outcomes of arthroscopic debridement in patients with advanced osteoarthritis of glenohumeral joint. (2015) *BMC Musculoskeletal Disorders* **16**:280.

T. Dwyer, **J. Slade Shantz**, J. Chahal, D. Wasserstein, R. Schachar, K.M. Kulasegaram, J. Theodoropoulos, R. Greben, D. Ogilvie-Harris. (2015) Simulation of Anterior Cruciate Ligament Reconstruction in a Dry Model. *Am J Sports Med.* [ePub ahead of print].

R. Longstaffe, **J. Slade Shantz**, J. Leiter, J. Peeler. Surgeon - Therapist Communication: Do All Members See Eye-to-Eye? (2015) *Phys Sportsmed.* Aug 26:1-7.

IS Elliott, DB Sonshine, S Akhavan, A Slade Shantz, A Caldwell, **J Slade Shantz J**, RA Gosselin, RR Coughlin What factors influence the production of orthopaedic research in East Africa? A qualitative analysis of interviews. (2015) *Clin Orthop Relat Res.* Jun;473(6):2120-30.

JA Slade Shantz, CJ Veillette. The application of wearable technology in surgery: ensuring the positive impact of the wearable revolution on surgical patients.(2014) *Frontiers in Surgery.* Sep 19;1:39.

JA Slade Shantz. CORR Insights(®): do 360-degree feedback survey results relate to patient satisfaction measures? (2015) *Clin Orthop Relat Res.* May;473(5):1598-9.

J. Slade Shantz, Y.Y. Yu, W., T. Miclau 3rd, R. Marcucio (2013) Modulation of Macrophage Activity During Fracture Repair has Differential Effects in Young Adult and Elderly Mice. *Journal of Orthopaedic Trauma*. 2013 Dec 30.

J. Slade Shantz, J. Vernon, J. Leiter and G. Stranges (2013) Sutures versus Staples for Wound Closure in Orthopaedic Surgery *Patient Safety in Surgery*. Feb 9;7(1):6.

G. Slobogian, L. Dielwart, H. Johal, **J. Slade Shantz** and K. Mulpuri (2013) Levels of Evidence at the Orthopaedic Trauma Association Annual Meetings. *Journal of Orthopaedic Trauma*. 2013 Jan 2. [Epub ahead of print].

J. Slade Shantz, J.R.S. Leiter, and P.B. MacDonald (2012) The Validation of a Novel Global Assessment of Arthroscopic Skills in a Cadaveric Knee Model. *Arthroscopy*. Jan;29(1):106-12.

J. Slade Shantz, J.R.S. Leiter, T. Gottshalk and P.B. MacDonald (2012) A systematic review and meta-analysis of trials validating arthroscopic simulators and assessing the effectiveness of surgical simulation in orthopedic education. *Knee Surg. Sports Trauma. Arthrosc.* 2012 Oct 2. [Epub ahead of print].

J. Slade Shantz, J. Vernon, J. Leiter and G. Stranges (2012) Sutures versus Staples for Wound Closure in Orthopaedic Surgery: Study Protocol. *BMC Musculoskel. Disorders*. Jun 6;13:89.

D. Sonshine, **J. Shantz**, R. Kumah-Ametepey, R.R. Coughlin and R.A. Gosselin (2012) Orthopaedic trauma research in the developing world: a pilot femur fracture database in Ghana. *World J. Surg.* 2012 Aug 1. [Epub ahead of print].

R. Longstaffe, J. Vernon, J. Peeler, J. Leiter and **J. Shantz** (2011) Surgeon-Therapist Communication: Do all team members see eye-to-eye? *COA Bulletin*, Fall Edition

J. Shantz (2010) What's Next: Finding the Right Fellowship. *COA Bulletin*, Fall Edition

J. Shantz. (2009) Dull to Sharp: An orthopedic surgery resident's journey at the sharp end of the scalpel. *Academic Medicine* 84 (8), 1065.

J. Shantz, A. Xanthopoulos, D. Sharp. (2008) Global Carbon Markets. Ivey Publishing.

J. Shantz (2008) Battling Parkinson's Law. *Can. Med. Assoc. J.* 179 (9), 968.

J. Shantz. (2005) Papua New Guinea Elective an Anthropologic and Personal Journey. *Ont. Med. Review*. April 2005 Issue.

J. Shantz, M. Heim, G. Kampmann, N. Sochocky, P. Fuchs, Ch. Schweitzer, P. Weber, K. Lundstrom, W. Hunziker and I. Bendik. (2002) A Spin-column Procedure for estrogen Receptor Equilibrium and Competition Binding Analysis. *J. Receptors and Signal Transduction*. 22(1-4): 497-507.

Grants

T. Dwyer, J Slade Shantz. OMeGA Core Curriculum Innovation Grant – Validation of a dry-bench exam as an assessment of sports medicine operative skills. \$8,000 granted towards completion of validation study.

J. Slade Shantz, T. Miclau III. OTA Research Grant - Discovering The Mechanism Of Age-Associated Impaired Healing In The Presence Of Sustained Inflammation. \$50,000 granted over 2 years.

J. Slade Shantz, K. Martin, J. Leiter, P.B. MacDonald OMeGA Core Curriculum Innovation Grant – Validation of a Porcine Knee Model for the Assessment of Arthroscopic Skills. \$7,600 granted towards completion of validation study.

J. Slade Shantz, A. Matityahu. OMeGA Core Curriculum Innovation Grant - Towards an Objective Assessment of Orthopedic Trauma Core Competencies: A Validation Study Utilizing a Bimalleolar Ankle Fracture Model. \$9,900 granted towards completion of validation study.

J. Shantz, J. Vernon, G. Stranges. AO North America Resident Research Grant - Sutures versus Staples in the Closure of Orthopedic Surgical Wounds, A Randomized, Controlled Trial. \$5,000 granted towards the initiation of the study.

J. Shantz, J. Vernon, G. Stranges. University of Manitoba Department of Surgery Research Grant - Sutures versus Staples in the Closure of Orthopedic Surgical Wounds, A Randomized, Controlled Trial. \$20,000 granted towards the initiation of the study.

J. Shantz, J. Vernon, G. Stranges. Manitoba Medical Services Foundation Research Grant - Sutures versus Staples in the Closure of Orthopedic Surgical Wounds, A Randomized, Controlled Trial. \$20,000 granted towards the initiation of the study.

J. Shantz, J. Vernon, M. Goytan, G. Stranges. Manitoba Institute for Patient Safety John Wade Research Award - Sutures versus Staples in the Closure of Orthopedic Surgical Wounds, A Randomized, Controlled Trial. \$8,000 granted towards the initiation of the study.

J. Shantz, C.P. Graham. OREF/Zimmer Career Development Grant - The Efficacy and Cost Effectiveness of Preoperative and Postoperative Cryotherapy in Proximal Tibia Fractures. \$43,700 granted towards personnel costs.

J. Shantz, D. Sanders, C.P. Graham. Orthopedic Trauma Association Resident Research Grant - The Efficacy and Cost Effectiveness of Preoperative and Postoperative Cryotherapy in Proximal Tibia Fractures. \$10,000 granted towards material costs, Awarded January 2010.

J. Shantz, J. Leiter, J. Dubberley, P. MacDonald. Arthroscopy Association of North America Research Grant - \$23,233 granted towards the study 'Evaluation of the use of computer-simulated surgical skills program on the confidence and skill level of orthopaedic surgery residents.' Awarded May 2009.

J. Shantz, J. Leiter, E. Bohm. Gibson Fund Research Grant - \$3,000 granted towards the study 'Retrospective cost-effectiveness evaluation of the utility of preoperative rehabilitation prior to total hip arthroplasty and total knee arthroplasty.' Awarded January 2009.

J. Shantz, J. Leiter, J. Dubberley, P. MacDonald. Gibson Research Grant – \$10,000 granted for completion of research study: 'The Validation of a novel intra-operative evaluation form for arthroscopy.' Awarded September 2007.

Book Chapters

J. Slade Shantz and R. Coughlin. Orthopaedic Surgery in the Austere Environment. Chapters: Ankle Injuries chapter and Foot Injuries chapter. (Print Date: Fall 2015).

J. Slade Shantz, E. Meinberg, S Morshed and T. Miclau III, Orthopaedic Knowledge Online Journal. Chapter: Locking Plates in Osteoporotic Distal Fibula Fractures.

J. Slade Shantz and S. Morshed, Orthopaedic Knowledge Update 11. Chapter: Orthopaedic Research: Health Research Methodology, Outcomes and Biostatistics. (Print Date: Fall 2014).

T. Miclau III, **J. Slade Shantz**, R. Marcucio and H. Kim. Rockwood and Green's Fractures in Adults. Chapter: The Biology of Bone and Joint Healing. (Print Date: Fall 2014)

Business Cases

J. Shantz, A. Xanthopoulos, D. Sharp. (2008) Carbon Credits at Grupo Ecologico Sierra Gorda. Ivey Publishing.

Podium Presentations

Martin, K., Gillis, D. Leiter, J., Slade Shantz, J. (2013) Validation of a Porcine Knee Model for Training Arthroscopic Skills. American Orthopaedic Association Annual Meeting, Denver, CO.

Slade Shantz, J., Dionisio, R., Marmor, M. and Matityahu, A. (2013) The Objective Assessment of Orthopedic Trauma Skill Domains: A Validation Study Utilizing a Cadaveric Bimalleolar Ankle Fracture Model. Canadian Orthopedic Association Annual Meeting, Winnipeg, MB.

Slade Shantz, J., Vernon, J., Leiter, J. and Stranges, G. (2013) Sutures versus Staples for Wound Closure in Orthopaedic Surgery. Canadian Orthopedic Association Annual Meeting, Winnipeg, MB.

Slade Shantz, J. Leiter, J., MacDonald, P.B. (2013) Computer-Mentored Training in Knee Arthroscopy is Equivalent to Training-as-Usual: a Pilot Randomized Controlled Trial. Arthroscopy Association of North America Annual Meeting, San Antonio, TX.

Elliot, I, Slade Shantz, J. (2013) Orthopaedic Surgeons and Technology: Determining Appropriate Platforms for the Development of Research Capacity in Global Orthopaedics. Unite for Sight Conference, New Haven, CT.

Whitaker, A. Slade Shantz, A., Slade Shantz J. (2013) Social Innovation Pitch: A Question-Builder as a Catalyst for the Development of Global Surgery Research Capacity. Unite for Sight Conference, New Haven, CT.

Slade Shantz, J. and MacDonald, P.B. (2012) Simulation in Residency Education. Symposium presentation for Canadian Orthopedic Association Annual Meeting, Ottawa, Ontario.

Shantz, J. Leiter, J. and MacDonald, P.B. (2011) The Validation of a Novel Expertise-based Global Assessment of Arthroscopic Skills in a Cadaveric Knee Model. Podium presentation for Canadian Orthopedic Association Annual Meeting, St. John's, Newfoundland.

Shantz, J. and MacDonald, P.B. (2011) What I Do: A 16 year old Rugby Player with a Torn Anterior Cruciate Ligament. Symposium Presentation at Canadian Orthopedic Association Annual Meeting, St. John's, Newfoundland.

Shantz, J. (2011) Confidence, Certainty and Doubt in Orthopaedic Surgery. Arthroscopy Association of North America, San Francisco, CA.

Shantz, J. Leiter, J., McRae, S. and MacDonald, P.B. (2010) The Measurement of Changes in the Self-Perceived Confidence of Orthopedic Trainees After an Arthroscopic Skills Course. Podium presentation for Canadian Orthopedic Association Annual Meeting, Edmonton, Alberta.

Shantz, J., Slobodian, I. and Bohm, E. (2009) A Retrospective Study of Outcomes of Periprosthetic Fracture after Total Hip Arthroplasty. Podium presentation for University of Manitoba Resident Research Day. Winnipeg, Canada.

Abstracts

Slade Shantz, J., Fei, G., Yu, Y-Y., Miclau, T., Marcucio, R. (2013) Lipopolysaccharide-induced systemic inflammation affects bone healing in a murine tibia fracture model. **Orthopaedic Research Society Annual Meeting**, San Antonio, TX.

Shantz J., Leiter, J. and MacDonald, P. (2012) The Validation of a Novel Expertise-based Global Assessment of Arthroscopic Skills in a Cadaveric Knee Model. **American Orthopaedic Association Annual Meeting**, Washington, D.C.

Longstaffe R., Vernon J., Peeler J., Leiter J. and **Shantz J.** (2012) Surgeon-Therapist Communication: Do all team members see eye-to-eye? **American Orthopaedic Association Annual Meeting**, Washington, D.C.

Shantz, J. (2007) MD/MBA: A Useful Combination in Canadian Specialty Medicine? Poster for Crossroads: The Future of Specialty Medicine and Medical Education Amid Evolving Health Care. Annual Conference of the Royal College of Physicians and Surgeons of Canada, Winnipeg, Canada.

Heim, M., **Shantz, J.**, Fuchs, P., Frank, O., Weber, P., Martin, I. and Bendik, I. (2001) Estrogenic Profiles in Human Osteoblasts Using Kinetic RT-PCR as a Tool. Poster for **1st International Workshop on the Genetics of Bone Diseases**, Davos, Switzerland.

Heim, M., **Shantz, J.**, Fuchs, P., Frank, O., Riegger, C., Weber, P., Hunziker, W., Martin, I. and Bendik, I. (2001) Analysis of 17 β -Estradiol, Raloxifene and Genistein Stimulated Human Osteoblast Cells Using the Genechip[®] DNA Microarray. Poster for **1st Joint Meeting of the International Bone and Mineral Society and the European Calcified Tissue Society**, Madrid, Spain.

Heim, M., **Shantz, J.**, Kampmann, G., Fuchs, P., Weber, P., Riegger, C., Hunziker, W. and Bendik, I. (2001) Affymetrix GeneChip[®] Array Technology Reveals Similar Expression Profiles in Genistein and 17 β -Estradiol Stimulated Human Osteoblasts. Poster for **17th International Congress of Nutrition**, Vienna, Austria.

Heim, M., Bendik, I., **Shantz, J.**, Kampmann, G., Sochocky, N., Fuchs, P., Hunziker, W. and Weber, P (2001) Genistein, the Major Isoflavone in Soy, Shows Health Protective Effects in Bone Cells. Poster for: **8th Symposium on Vitamins and Additives in the Nutrition of Man and Animal**, Jena/Thuringia, Germany.

Invited Presentations

- 2019 **WCB Alberta – Primary Care CME Event – Shoulder Care for the Primary Care Provider**
- 2017 **University of Manitoba Orthopedic Grand Rounds – Topic: Entrepreneurship in Medicine**
- 2014 **We Are Wearables/MaRS Meetup Panel – Topic: The Future of Wearable Technology**
- 2014 **Plug-and-Play Tech Center - Topic: Wearable Health and Fitness: What are the Trend in the Industry?**
- 2013 **Health 2.0 Interactive - Topic: Your Health, Your Way: How Wearable Technology is Changing Personalized Healthcare.**
- 2013 **Canadian Orthopaedic Residency Association Annual Meeting – Topic: Training and Working in the U.S.A.**
- 2013 **Orthopaedic Trauma Institute Trauma Course – Lecturer, Can Lean and Six Sigma Change My Practice?**
- 2013 **Stanford Humanitarian Skills Course – Lecturer and Skills Session Leader, Orthopaedic Surgery in Austere Environments**
- 2012 **Bethune Round Table on Global Surgery – Symposium Leader, Social Entrepreneurship in Medicine**
- 2011 **American College of Surgeons Humanitarian Skills Course – Lecturer, Orthopaedic Surgery in Disaster Situations**
- 2011 **University of Manitoba Department of Emergency Medicine Resident Teaching – Topic: Musculoskeletal Care – an ER Perspective**
- 2011 **Manitoba Orthopedic Society Guest Speaker – Topic: The Measurement of Confidence and Skill in Orthopedic Practitioners: Towards Reflective Practice**
- 2010 **Canadian Orthopedic Resident Association Annual Meeting – Topic: What's Next? Finding the Right Fellowship**

- 2009 **Orthopedic Journal Club – Topic: Practice Management**
- 2009 **Orthopedic Grand Rounds – Debate: Should Physicians be Required to Recertify Like Commercial Pilots?**
- 2009 **Financial Post Executive Blog – Entrepreneurship Contributor**
(<http://network.nationalpost.com/np/blogs/executive/archive/tags/Jesse+Shantz/default.aspx>)
- 2008 **Orthopedic Grand Rounds – Morgan Motors: An Interactive Look at the Obstacles to Organizational Change within Healthcare**
- 2007 **Orthopedic Grand Rounds – CanMEDS and the Manager Role in Orthopedics**
- 2006 **Orthopedic Grand Rounds – Informatics in Orthopedics: Examples and Future Directions**

Course Faculty Invitations

- 2013 **Orthopaedic Trauma Institute Fracture Care Symposium – Skills Session Table Demonstrator**
- 2011 – 2012 **IGOT/OTI Research Symposium – ‘*Creating International Workgroups*’ Breakout Session Leader**

Journal Editorial Board

Journal of Bone and Mineral Research – Reviewer
 Clinical Orthopaedics and Related Research – Reviewer
 Journal of Orthopaedic Trauma – Reviewer
 World Journal of Surgery – Reviewer
 Annals of Orthopaedic Trauma Surgery – Reviewer
 Indian Journal of Orthopaedics – Reviewer

Professional Activities:

- 2018 – Present **Chief Consultant – WCB Alberta** Shoulders Program
- 2016 – Present **Chief Medical Officer – Spxtrm Health**, a computer vision company
- 2012 – 2014 **Chief Medical Officer – OMsignal**, a human sensing product company
- 2008 – 2012 **Chief Medical Officer – Dr. everyone**, a consumer health website
- 2008 – 2009 **Chief Resident – University of Manitoba Section of Orthopedics**
 Introduced research accountability through monthly milestones. Instituted novel system for non-urgent consults decreasing overnight calls to residents and decreasing patient wait times in the emergency department.

Student/Staff Mentoring

- **Florin Gheorghe** – Providing mentroship to CEO/Founder of medical instrumentation company in fundraising and human resources areas.
- **Ashton Regalado** – Funded year-long research assistantship and provided project mentorship
- **Mia Smuszny** – Provided project overview for cost-effectiveness project related to temporary external fixation.
- **Kyle Martin** – Assisted in study design and grant-writing on surgical skills evaluation project resulting in grant funding and ethics approval.

- **Amanda Whitaker** – Provided project summary for question building tool development for global surgery capacity building project. Connected with expert in iHealth development. Resulted in podium presentation.
- **Rana Khan** – Created a needs assessment project utilizing a modified Delphi analysis for this undergraduate student.
- **Iain Elliott** – Mentored this medical student on the preparation for submission of two abstracts related to global surgery research capacity building. One podium presentation secured.
- **Shaina Lipa** – UCSF medical student. Created successful proposal for year-long clinical research exposure through the Sutures vs. Staples project.
- **Robert Dionisio** – Involved in set-up, data collection and analysis of trauma skills evaluation project. One poster and one podium presentation to date.
- **Gao Fei** – Collaborated closely on the development of basic science program investigating the effects of inflammation on fracture healing. Provided experimental design and scientific writing assistance. One poster presentation secured.
- **Daniel Sonshine** – Provided statistical analysis and manuscript preparation guidance during the preparation of three global surgery manuscripts through the Institute for Global Orthopaedics and Traumatology. Resulted in two publications to this point.
- **Robert Longstaffe** – Created and supervised this University of Manitoba medical student project related to the perceptions of communication quality between surgeons and therapists which has led to a publication and two poster presentations.
- **Anne Sutherland** – Designed and supervised a summer studentship project with the aim of validating the use of iPhones for surgical wound assessment.
- **Leilanie Clayton** – Trained and mentored this masters graduate to become the study coordinator for the Sutures vs. Staples project and the Cryotherapy in Proximal Tibia Fractures project.

Teaching Activities:

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| 2018 – 2020 | Workers CB Alberta – Shoulder Program CME – Shoulder Update Half-day.
Created a curriculum aimed at educating specialist primary care physicians working for WCB Alberta focused on core assessment and treatment skills for managing workplace shoulder injuries. |
| 2013 | University of California, San Francisco – Department of Public Health CME event.
Taught arthrocentesis and joint injection techniques to primary care providers within the DPH primary care clinics to allow non-operative treatment of knee and shoulder arthritis. |
| 2013 | University of California, San Francisco – Department of Orthopaedic Surgery.
Taught intern class techniques for non-operative reduction and immobilization of common musculoskeletal injuries. |
| 2011 | University of Manitoba – Faculty of Medicine.
Organized and taught musculoskeletal integration session to summarize concepts from the musculoskeletal block and answer student questions. |
| 2009 – 2011 | University of Manitoba – Faculty of Medicine.
Led Small group sessions on the musculo-skeletal exam with 15 students. Spine exam, shoulder exam, back pain and trauma screening exam covered in two-hour sessions. |
| 2009 – 2010 | University of Manitoba – Section of Orthopedics.
Proposed a case-based manager role curriculum focused on teaching the basics of business concepts to residents and preparing participants for negotiations, incorporation, academic promotion and business management. Implemented speaker series to complement lectures. |
| 2007 - 2008 | University of Manitoba – Faculty of Medicine.
Small group leader for MED2 students. Topics: diabetic foot/foot exam, spine/neurologic exam, upper extremity fractures and dislocations, lower extremity fractures and dislocations.
Supervisors: Dr. J. Embil, Dr. A. Casey and Drs. J. Dubberley and B. Pilkey. |

2005 – 2006 **Allied Health Professional Fracture Course Table Demonstrator.** Explained theory and practical aspects of internal fixation and demonstrated use of implants to nurses and orthopedic technologists.

Board and Committee Memberships:

2011 – 2013 **Institute for Global Orthopaedics and Traumatology - Director of Clinical Research Partnerships**

2006 – 2009 **University of Manitoba Section of Orthopedics Postgraduate Medical Education Committee**
Resident representative to the committee. Developed orientation materials for rotating residents and medical students and defined roles and educational objectives/responsibilities.

2006 – 2011 **University of Manitoba – Section of Orthopedic Residency Program Selection Committee.**
Interviewed and ranked prospective applicants to the training program.

2004, 2008 **Schulich School of Medicine, University of Western Ontario – Doctor of Medicine Selection Committee.** Interviewed and evaluated prospective candidates for admission. Also arranged for business students to participate as community interviewers.

2006 – 2007 **University of Manitoba – Paediatric Respiriology Program Internal Review.**
Resident reviewer of program prior to Royal College of Physicians and Surgeons review.

2006 – 2007 **Winnipeg Regional Health Authority – Medical Executive Committee Member.**
Sat on the committee as the resident representative with voting privileges.

2006 – 2007 **Professional Association of Residents and Interns of Manitoba - Communications Director.**
Coordinator of association newsletter and media relations. Also involved directly in contract negotiations.

2006 – 2007 **Department of Surgery – Headship Search Committee.** Resident member of the committee responsible for selecting replacement for the Headship of Surgery within the University of Manitoba and Winnipeg Regional Health Authority.

2006 – 2007 **Healthcare Information Systems Project – Physician Design Team.** Member of the committee responsible for the design of the electronic medical records interface that will be implemented in the Winnipeg Regional Health Authority.

Extracurricular Activities:

2012-2013 **Oberlin Dance Clinic – Lecturer and Anatomy Demonstrator**
Prepared and presented didactic and anatomic teaching session on disorders of the hip for physical therapists treating elite dancers.

2010 **Medical Student Research Mentorship – Research Supervisor**
Supervising the research projects of seven University of Manitoba medical students from proposal writing through to write-up.

2007 – 2008 **Richard Ivey School of Business – Health Sector Speaker Series**
Contacted and brought two speakers to Ivey. Arranged all logistics for the guests and facilitated the seminars.

Languages Spoken: English, Portuguese, Spanish, French, Tok Pisin/Bislama