**NEIL JEFFREY WHITE, MD FRCS(C)**

4448 Front Street SE

Calgary, Alberta

T3M 1M4

403.479.3527

403.956.3761

[neiljwhite@gmail.com](mailto:neiljwhite@gmail.com)

DOB: August 10, 1973

**PROFILE**

Orthopaedic Surgeon, MD, FRCS(C)

Hand and Microvascular Surgeon, Orthopaedic Trauma Surgeon

Clinical Assistant Professor, University of Calgary

**Work Experience**

Hand and Microvascular Surgeon, Orthopaedic Trauma Surgeon June 2012 - present

South Health Campus, Alberta Health Services, University of Calgary

Clinical Lecturer

Calgary, Alberta, Canada

Locum Tenens – On call and elective hand and general orthopaedic surgery February 7, 2012

King Edward VII Memorial Hospital - May 9, 2012

Hamilton, Bermuda

Surgical Humanitarian Work in East Africa September 20, 2011

SIGN (Surgical Implant Generation Network) - December 21, 2011

Funded by the OTCF (Orthopaedic Trauma Care Foundation)

Ethiopia, Kenya, Tanzania

Locum Tenens – On call and elective general orthopaedic surgery July 12, 2011

Nanaimo Regional General Hospital - August 28, 2011

Nanaimo, British Columbia

**Education**

Royal Infirmary of Edinburgh Orthopaedic Trauma Fellowship August 4, 2010

Preceptors: Prof. Margaret McQueen, Mr. JT Reid, Mr. CM Robinson, Mr. TO White - June 30, 2011

*Edinburgh University*

Edinburgh, Scotland

Columbia University Hand & Microvascular Surgery Fellowship August 1, 2009

Director: Melvin P. Rosenwasser, MD - July 31, 2010

Columbia University

New York, New York

Residency - Orthopaedic Surgery 2004 - 2009

University of Calgary

Calgary, Alberta

Doctor of Medicine 2004

University of British Columbia

Vancouver, British Columbia

## Bachelor of Science in Statistics 1995

*University of Western Ontario*

London, Ontario

Bachelor of Arts in Psychology 1994

*University of Western Ontario*

London, Ontario

**Examinations**

Fellowship Exam in Orthopaedic Surgery 2009

*Royal College of Physicians and Surgeons of Canada*

Principles of Surgery 2006

*Royal College of Physicians and Surgeons of Canada*

Licentiate of the Medical Council of Canada (LMCC) Part II 2005

Licentiate of the Medical Council of Canada (LMCC) Part I 2004

**Academic Appointments**

South Health Campus Orthopaedic Research Lead 2012 – Present

Canadian Orthopaedic Association Global Surgery Committee – Chair 2017 – Present

Wrist Evaluation Canada – Research working group – Co-chair 2018 – Present

**Grants, Awards, Appointments**

**Orthopaedic Surgery Faculty Seed Grant – FROST 2.0** 2021

* **$18,500**

**The Canadian RASL Experience – Acumed Industry Sponsor for trial design** 2021

* **$60,000 USD**

**Scaphoid Morphology – COREF** 2021

* **$5,000**

**Long term 5th Metacarpal Fractures - COREF** 2021

* **$5,000**

**PURE Award for FROST summer studentship** 2020

* **$6,000**

**UofC Radiology Research Time Competition** 2019 – 2020

* **$18,000**

**WECAN grant competition Arthrex Funds to hold grant competition** 2020 – 2024

* **$100,000 reserved for national grant competition**

**Calgary Orthopaedic Surgery Value Add Fund - Special Salary Support Award** 2019

* **$30,000**

**C3PO trial - Canadian Orthopaeidic Research Legacy Grant** 2018

* **$20,000**

**FROST trial - Department of Surgery Live Grant Competition** 2018

* **$10,000**

**SNAPU trial - Bioventus Additional Sites Trial Grant** 2018 - 2020

* **$150,000** (3 years) industry support to complete trial

**PrEvention of Posttraumatic ContractuRes with Ketotifen II (PERK II)** 2017-2020

* **$2,440,796** (4 years) US Military Research Department of Defense Operating Grant
* PI: Hildebrand KA / Coinvestigator: White NJ

**SNAPU trial - Bioventus Additional Sites Recruitment Grant** 2017

* **$32,000** allocated to recruitment from multiple sub-sites across Canada

**SNAPU trial - WCB – Alberta Research Program Research Grant** 2016

* **$34,320** funds for LIPUS in Scaphoid Non-unions Randomized Trial

**Calgary Orthopaedic Surgery Value Add Fund Matching Salary Support Competition** 2016 - 2018

* **$75,000** (25,000 per year for 3 years)

**SNAPU trial - Bioventus Bridge Funds Grant** 2015

* **$15,000** funds for salary support LIPUS in Scaphoid Non-unions Randomized Trial
* Funds matched by Department Orthopaedics South Health Campus

**COREF Grant** 2015

* **$5,000** funds for Scaphoid Imaging Study

**Orthopaedic Research Portfolio Grant** 2015

* **$4,000** funds for Accuracy of Surgeon Assessment of Intra-Operative Fluoroscopy

**SNAPU trial - WCB – Alberta Research Program Research Grant** 2014

* **$33,500** funds for LIPUS in Scaphoid Non-unions Randomized Trial

**Orthopaedic Research Portfolio Research Grant** 2014

* **$5000** funds for LIPUS in Scaphoid Non-unions Randomized Trial

**SNAPU trial - Bioventus Device Grant** 2013

* **$1,540,000** Estimated value of 154 Exogen devices for prospective trial

evaluating the use of Exogen in surgical treatmentof chronic scaphoid non-unions

**Osteosynthesis and Trauma Care Foundation (OTC)** 2011

* **$10,000** received for International travel budget withSurgical Implants Generation Network (SIGN)

**Orthopaedic Scientific Research Foundation - Robert E. Carroll Research Grant** 2010

* **$3940** received for Kienbock’s Study
* **Chief Resident University of Calgary Orthopaedic Surgery** 2008-2009

**Calgary Orthopaedic Research Education Fund** 2006

* **$2400** received for Radial head study

**Calgary Orthopaedic Research Education Fund** 2006

* **$1000** received for Fibular study

**Research**

**Publications – Original Manuscripts**

**White NJ**, Reitzel SL, Doyle-Baker D, Sabo MT, Mattiello B, Samuel TL. **Management of patients with hip fracture receiving anticoagulation: What are we doing in Canada?** *Canadian Journal Surgery, 2021 64*(5), E510-E515.

Ludwig TE, Samuel TL, Vergouwen M, **White, NJ**. **COVID-19 orthopaedic trauma volumes: a Canadian experience during lockdown and staged reopening**. *OTA International,* 2021 *4*(2), e134.

Vergouwen M, Samuel TL, Sayre EC, **White NJ**. FROST: **Factors Predicting Orthopaedic Trauma Volumes**. Injury. 2021 Feb 27:S0020-1383(21)00179-0.

**White NJ**, Reitzel SL, Weinstein TI, Sameul, TL. **Improving Operating Room Culture and Efficiency through Professional Development and Implementation of Communication Strategies**. Int J Surg Med. 2021; 7(2).

Ademola A, Hildebrand KA, Schneider PS, Mohtadi NGH, **White NJ**, Bosse MJ, Garvin A, Walker REA, Sajobi TT. **PrEvention of posttraumatic contractuRes with Ketotifen 2** (PERK 2) - protocol for a multicenter randomized clinical trial. *BMC Musculoskelet Disord*. 2020;21(1):123. Published 2020 Feb 24. doi:10.1186/s12891-020-3139-2

HIP ATTACK Investigators. **Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomised, controlled trial**. *Lancet*. 2020;395(10225):698‐708.

Furey MJ, **White NJ**, Dhaliwal GS. **Scapholunate Ligament Injury and the Effect of Scaphoid Lengthening**. *J Wrist Surg*. 2020;9(1):76-80. doi:10.1055/s-0039-3401014

# Sidhu, SP. White NJ. Antibiotic Impregnated Cement Dowel in a Tibial Stump to Salvage Infected Below-Knee Amputation in a Diabetic. JAAOS: Global Research and Reviews: 3(10): 2019 Oct.

# Montgomery, SJ. Rollick, NJ. Kubik, JF. Meldrum, AR. White, NJ. Surgical outcomes of chronic isolated scapholunate interosseous ligament injuries: a systematic review of 805 wrists. Can J Surg. 62(3):199-210, 2019 Jun.

# White NJ. Rollick NC. Injuries of the Scapholunate Interosseous Ligament: An Update. J Am Acad Orthop Surg. 23(11):691-703, 2015 Nov.

# Danoff JR. Cuellar DO. O J. White NJ. Strauch RJ. The Management of Kienböck Disease: A Survery of the ASSH Membership. J Wrist Surg. 4(1): 43-8, 2015 Feb.

# Raskolnikov D. White NJ. Swart E. Zouzias IC. Rosenwasser MP. Volar plate capsulodesis for metacarpophalangeal hyperextension with basal joint arthritis. Am J Orthop. 43(8):354-8, 2014 Aug.

# White, NJ. Common Carpal Injuries: Scapholunate Ligament Tears. Canadian Orthopaedic Association Bulletin. 2013

# Furey, MJ. Sheps, DM. White, NJ. Hildebrand, KA. A retrospective cohort study of displaced segmental radial head fractures: is 2 mm of articular displacement an indication for surgery? J Shoulder Elbow Surg. 22(5):636-41, 2013 May.

# White, NJ. Corr, DT. Wagg, JP. Lorincz, C. Buckley, RE. Locked plate fixation of the comminuted distal fibula: a biomechanical study. Can J Surg. 56(1):35-40, 2013 Feb.

Hiscox, C. Lamothe, C. **White, N**. Bromley, M. Oddone Paolucci, E. Hildebrand K. **Diagnosis of occult scaphoid fractures: a randomized, controlled trial comparing bone scans to radiographs for diagnosis.** CJEM, Can. j. emerg. med. care. 15(0):1-8, 2013.

# Karl JW. White NJ. Strauch RJ. Percutaneous Reduction and Fixation of Displaced Phalangeal Neck Fractures in Children. *J Pediatr Orthop*. 2012 32:156–161.

Murray IR. Ahmed I. **White NJ.** Robinson CM. **Traumatic anterior shoulder instability in the athlete.** *Scand J Med Sci Sports.* 2012. Jun 28 Online first.

# White NJ. Sorkin AT. Konopka G. McKinley TO. Surgical Technique: Static Intramedullary Nailing of the Femur and Tibia Without Intraoperative Fluoroscopy. [*Clin Orthop Relat Res*.](javascript:AL_get(this,%20'jour',%20'Clin%20Orthop%20Relat%20Res.');) 2011 Mar 3. [Epub ahead of print]

Vitale MA. **White NJ**. Strauch RJ. **A percutaneous technique to treat unstable dorsal fracture-dislocations of the proximal interphalangeal joint**. *The Journal of hand surgery [Am].* 2011 *36*(9), 1453–1459.

Ashe MC. Liu-Ambrose T. Khan KM. **White N**. McKay HA. **Optimizing results from pQCT: reliability of operator-dependant pQCT variables in cadavers and humans with low bone mass**. *Journal of Clinical Densitometry*. 8(3):335-40, 2005.

**White NJ**. Cochrane DD. Beauchamp R. **Paraparesis caused by an angiolipomatous hamartoma in an adolescent with Proteus syndrome and scoliosis**. *Journal of Neurosurgery*. 103:(3 Suppl):282-4, 2005 Sep.

Zarkadas PC. Gropper PT. **White NJ**. Perey BH. **A survey of the surgical management of acute and chronic scapholunate instability**. *Journal of Hand Surgery [Am]*. 2004 Sep;29(5):848-57.

**Publications – Book Chapters**

Matthew J. Furey, **Neil J. White**, Robert J. Strauch. Surgical Approaches for Open Treatment of the Elbow. In: Donald Lee and Robert Neviaser’s Operative Techniques: Shoulder and Elbow Surgery 2nd Edition. Philadelphia, PA: Elsevier; 2018.

**Neil J. White**. Elbow Fracture Dislocations. In: Fearon, Gray and Duffy’s Handbook of Orthopaedic Trauma: Surgical Management from Admission to Rehabilitation. London, England: JP Medical; 2017

Michael V. Birman, Jonathan R. Danoff, **Neil J. White**, Melvin P. Rosenwasser. External Fixation of Distal Radius

Fractures. In: Evan Flatow’s Atlas of Essential Orthopaedic Procedures. AAOS, Rosemont, Illinois; 2013.

**Neil J. White**, Melvin P. Rosenwasser. Distal Radius Fractures: External Fixation. In: Donald A. Wiss’s Master Techniques

In Orthopaedic Surgery: Fractures, Third Edition. Philadelphia, PA: Lippincott; 2012: 233 – 251.

**Neil J. White**, Paul J. Duffy. Distal Radius Fractures: External Fixation. In: Emil H. Schemitsch’s Operative Techniques:

Orthopaedic Trauma Surgery. Philadelphia, PA: Elsevier; 2010: 215 – 230.

**Neil J. White**, Robert J. Strauch. Surgical Approaches for Open Treatment of the Elbow I: Posterior Approach. In: Donald Lee and Robert Neviaser’s Operative Techniques: Shoulder and Elbow Surgery. Philadelphia, PA: Elsevier; 2010.

**Neil J. White**, Robert J. Strauch. Surgical Approaches for Open Treatment of the Elbow II: Posterolateral (Kocher) and Kaplan Approaches to the Elbow. In: Donald Lee and Robert Neviaser’s Operative Techniques: Shoulder and Elbow Surgery. Philadelphia, PA: Elsevier; 2010.

**Neil J. White**, Robert J. Strauch. Surgical Approaches for Open Treatment of the Elbow III: Anterior Approaches. In: Donald Lee and Robert Neviaser’s Operative Techniques: Shoulder and Elbow Surgery. Philadelphia, PA: Elsevier; 2010.

**Neil J. White**, Robert J. Strauch. Surgical Approaches for Open Treatment of the Elbow IV: Anteromedial (Hotchkiss) Approach. In: Donald Lee and Robert Neviaser’s Operative Techniques: Shoulder and Elbow Surgery. Philadelphia, PA: Elsevier; 2010.

Alexandra Schwartz, Melvin Rosenwasser, **Neil White**, Eric Swart. Fractures of the Forearm and Distal

Radius. In: Andrew Schmidt’s Orthopaedic Knowledge Update: Trauma 4. AAOS; 2010.

**Submitted for Review – Original Manuscripts**

**White NJ.** Reitzel S. Doyle-Baker DK. Sabo MT. Samuel TL. **Anticoagulated Hip Fracture Patients: What are we doing?**

* A questionnaire targeted to Canadian orthopaedic surgeons with the focus of understanding the heterogeneity with which surgeons approach hip fracture patients on antecedent anticoagulation.
* Accepted for Publication: Can J Surg.

Fruson, L. Samuel TL. Yau, M. Furey MJ. **White NJ.** Determination of Scaphoid Union: Are we as good as we think?

* Trial assessing the expert’s ability (MSK radiologist and Orthopaedic Surgeon) to judge scaphoid union on X-ray and on temporally related CT scan.
* Pending Review: Submitted to CORR.

**Current and ongoing Research**

**SNAPU - S**caphoid **N**on-Union **a**ndLow-Intensity **P**ulsed **U**ltrasound**: A double-blinded randomized trial to assess the union rate and time to union of operative Scaphoid Non-Unions**

* Supervisor (PI): Neil J. White
* A prospective trial designed to assess the role of low-intensity pulsed ultrasound in the surgical treatment of scaphoid non-union.
* Recruitment complete. Final follow-up pending.

**FROST 2.0 - F**actors P**r**edicting **O**rthopaedic **T**rauma Volumes

* Supervisor (PI): Neil J. White
* Collaborative database review of 11 years of orthopaedic injuries at 4 Calgary based adult hospitals. We are looking at extreme surges in trauma volume as they correlate to severe weather patterns, weather advisories, holidays, and major events.
* 2 pronged focus aimed at logical prevention strategies and hospital resource allocation strategies
* Phase 2 involves creating a slip and fall risk index and validating our model with a large Edmonton, Alberta dataset.

**Canadian Orthopaedic Trauma Society (COTS) multicenter trials**

* Through our strong research infrastructure at the South Health Campus we have been able to collect data to several select COTS trials including:
  + Multiple other Surgical randomized trials including:
    - **HEALTH trial** – randomized prospective trial comparing primary total hip arthroplasty to hemiarthroplasty in hip fracture patients (29 patients enrolled)
    - Vancouver B1 peri-prosthetic fractures (allograft + plate versus plate alone)
    - Distal Femur per-proshtetic fractures (plate versus nail)
    - Distal Clavicle (operative versus non-operative)
    - Humeral Shaft (operative versus non-operative)
    - Ulnar Shaft (operative versus non-operative)
    - FIRM (hardware removal versus leaving metal in situ for LisFranc fractures)
    - COTS-H (young adult hip score validation)
    - Syndesmosis fixation (stand screw fixation versus tightrope technique)

**Perilunate spectrum injuries**

* Supervisor (PI): Neil J. White
* Large multicentre trial designed to capture all perilunate spectrum injuries using a double arm parallel study design. All injuries can be collected prospectively with optional randomization arms

Seed funding obtained (CORL). Ethics and operational approval acquired.

**PrEvention of Posttraumatic ContractuRes with Ketotifen II (PERK II)**

* Supervisor (PI): Dr. Kevin A. Hildebrand / Coinvestigator: Neil J. White
* Large scale multicenter blinded randomized prospective medication trial
* Assessing the use of a novel drug (Ketotifen) for the preventative treatment of elbow contractures after injury

**Accuracy of Surgeon Assessment of Intra-operative Fluoroscopy**

* Supervisor (PI): Neil J. White
* Trial assessing surgeon’s ability to judge specific angles and distances on intra-operative fluoroscopy verses their ability to measure at a desktop workstation.
* Manuscript preparation

**Ulnar Shortening Osteotomy: An Institutional Review**

* Supervisor (PI): Neil J. White
* Retrospective multicenter review of more than 300 cases of ulnar shortening osteotomy looking specifically at plate placement and complication rate.
* Data collection complete. Manuscript preparation.

**Brachioradialis as a deforming force in distal radius fractures after reduction: Botulinum Toxin versus Normal Saline Injection to prevent redisplacement of cast immobilized fractures.**

* Supervisor (PI): Neil J. White
* Randomized trial coupling reduction of fracture with injection of Botulinum toxin or Saline into the Brachioradialis muscle.
* Pending ethical approval and funding.

**Presentations**

**Calgary Surgeon’s Day Invited Speaker** 2021

* **FROST – Factors Predicting Orthopaedic Trauma Volumes**

**Calgary Orthopaedics Grand Rounds** 2021

* **FROST – Factors Predicting Orthopaedic Trauma Volumes**

**American Society for Surgery of the Hand** (Virtual Meeting)2020

* **Instructional Course Lecture – Distal Biceps Rupture**

**American Society for Surgery of the Hand** (Las Vegas, Nevada) 2019

* **Fruson, L.** Samuel TL. Yau, M. Furey MJ. White NJ. Determination of Scaphoid Union:

Are we as good as we think?

**Canadian Orthopaedic Association Annual Meeting** 2019

* **White, Neil J.** Invited speaker (Montreal, Quebec)

ICL: Distal Radioulnar Joint Arthroplasty

**Canadian Orthopaedic Association Annual Meeting** 2019

* **White, Neil J.** Invited speaker (Montreal, Quebec)

Perilunate Injuries – Tips and Tricks

**Canadian Orthopaedic Association Annual Meeting**

* **Zhang, Y.** Samuel TL. Siani R. Dhaliwal G. Goetz T. White NJ.

**American Academy of Orthopaedic Surgery Meeting** (Las Vegas, Nevada)2019

* **Montgomery SJ**. Rollick NJ. Kubik J. Meldrum A. White NJ.

Surgical Outcomes of Chronic Isolated Scapholunate Interosseous Ligament Injuries:

A Systematic Review of 805 Wrists.

**Canadian Orthopaedic Association Annual Meeting** 2018

* **White, Neil J.** Invited speaker (Victoria, British Columbia)

Complex Volar Distal Radius Fractures

**Canadian Orthopaedic Association Annual Meeting** 2018

* **White, Neil J.** Invited speaker (Victoria, British Columbia)

Hip Fractures and Novel Oral Anticoagulation

**Canadian Shoulder and Elbow Society - Resident Shoulder and Elbow Course** 2017

* **White, Neil J.** Invited speaker (Calgary, Alberta)

Radial Head Fractures – a practical approach

**Canadian Orthopaedic Association Annual Meeting** 2017

* **White, Neil J.** Invited speaker (Ottawa, Ontario)

The ethics of traveling overseas to provide medical/surgical relief

**Canadian Orthopaedic Residents Association** 2016

* **White, Neil J.** Invited speaker (Ottawa, Ontario)

Orthopaedic Care in the Developing World – A resident’s perspective

**Bone-Anze (Orthopaedic Nursing Conference)**

* **White, Neil J.** Invited speaker (Calgary, Alberta) 2016

Orthopaedic Care in the Developing World

**Surgeons Day Lethbridge** 2013

* **White, Neil J.** Invited speaker (Lethbridge, Alberta)

Orthopaedic Care in the Developing World: An Update and Future Directions

Chronic Scapholunate Ligament Instability: A Novel Surgical Technique

**SIGN (Surgical Implant Generation Network) Conference** (Richland, Washington)2012

* **White, Neil J.** Invited speaker. Podium presentation.

Open fracture care in the developing world – a protocol for treating open tibias

in low and middle income countries.

**Orthopaedic Citywide Grand Rounds**  2012

* **White, Neil J.** Invited speaker (Calgary, Alberta)

Orthopaedic Care in the Developing World: An Update and Future Directions

**Orthopaedic Citywide Grand Rounds** 2012

* **White, Neil J.** Invited speaker (Calgary, Alberta)

Chronic Scapholunate Ligament Instability: A Novel Surgical Technique

**Chinese Orthopaedic Research Society,** Chinese Orthopaedic Association (Beijing) 2011

* Hiscox CM. LaMothe JM. White NJ. Bromley MA. Paolucci EO. **Hildebrand KA**.

Diagnosis of Occult Scaphoid Fractures: A Randomized Controlled Trial Comparing

Early Definitive Diagnosis to the Current Standard of Care.

**Canadian Orthopaedic Association** (St. John’s, Newfoundland) 2011

* **White NJ**.Raskolnikov D. Crow SA. Swart E. Rosenwasser MP.

Reduction and Association of the Scaphoid and Lunate (RASL):

Long-Term Follow-Up of a Reconstruction Technique for Chronic Scapholunate Dissociation

**American Academy of Orthopaedic Surgeons** (San Diego, California)2011

* **Raskolnikov D**. White NJ. Swart E. Rosenwasser MP.

Volar Plate Capsulodesis for Treatment of the Thumb Metacarpophalangeal Joint Hyperextension

Deformity with Basal Joint Arthritis: A Review of Fourteen Cases.

**American Association for Hand Surgery** (Cancun, Mexico)2011

* White NJ.Raskolnikov D. **Tang P**. Swart E. Rosenwasser MP.

Reduction and Association of the Scaphoid and Lunate (RASL):

Long-Term Follow-Up of a Reconstruction Technique for Chronic Scapholunate Dissociation

**American Society for Surgery of the Hand** (Boston, Ma) 2010

* **White NJ.** Raskolnikov D. Crow SA. Swart E. Rosenwasser MP.

Reduction and Association of the Scaphoid and Lunate (RASL):

Long-Term Follow-Up of a Reconstruction Technique for Chronic Scapholunate Dissociation

**New York Society for Surgery of the Hand** (NY, NY) 2010

* **White NJ.** Raskolnikov D. Crow SA. Swart E. Rosenwasser MP.

Reduction and Association of the Scaphoid and Lunate (RASL):

Long-Term Follow-Up of a Reconstruction Technique for Chronic Scapholunate Dissociation

**New York Society for Surgery of the Hand** (NY, NY)2010

* Karl J. **White NJ,** Strauch RJ

Percutaneous Reduction and Fixation of Displaced Phalangeal Neck Fractures in Children

**New York Society for Surgery of the Hand** (NY, NY)2010

* **Vitale M.** White NJ. Strauch RJ.

A Novel Percutaneous Technique to Treat PIP Joint Fracture-Dislocation

**Canadian Orthopaedic Residents’ Association** (Quebec City, Quebec)2008

* **White NJ.** Corr DT. Wagg JP. Lorincz CR. Buckley RE.

Locked Plate Fixation of the Comminuted Distal Fibula: A Biomechanical Study

**Alberta Orthopaedic Residence Research Day** (Calgary, Alberta)2007

* **White NJ.** Corr DT. Wagg JP. Lorincz CR. Buckley RE.

Locked Plate Fixation of the Comminuted Distal Fibula: A Biomechanical Study

**Surgeon’s Day – University of Calgary** (Calgary, Alberta)2007

* **White NJ.** Corr DT. Wagg JP. Lorincz CR. Buckley RE.

Locked Plate Fixation of the Comminuted Distal Fibula: A Biomechanical Study

**Alberta Orthopaedic Residence Research Day** (Calgary, Alberta)2006

* **White NJ.** Sheps D, Hildebrand KH.

Occult Scaphoid Fractures: Cost benefit analysis of early diagnosis

**Editorial Activity**

Review for Canadian Orthopaedic Association Abstracts – Hand and Upper Extremity Surgery

* Annual General Meeting 2015, 2016, 2018, 2019

Reviewer for ‘Journal of the American Academy of Orthopaedic Surgery’

* Normal Palmar Anatomy and Variations that Impact Median Nerve Decompression
* **Rates of Complications and Secondary Surgeries of Mini-Open Carpal Tunnel Release**
* Upper Extremity Immobilization and Driving: What Are The Limitations and Who Is Liable?

Reviewer for ‘Case reports in medicine.’ 2013, Hindawi Publishing Corporation.

* Bilateral distal radius fractures in a 12 year-old boy after household electrical shock.

Reviewer for ‘Clinical Orthopaedics and Related Research.’ 2013 - present.

* Chondroplasty of the Lunate Fossa with Radiofrequency Energy in Wrist Arthroscopy: The Subchondral

Temperature Profile.

* Antegrade Intramedullary Pinning Versus Retrograde Intramedullary Pinning for Displaced Fifth Metacarpal

Neck Fractures

**Membership**

* Wrist Evaluation Canada Research Group (WeCan) – Co-chair
* Canadian Orthopaedic Association (COA)
* American Academy of Orthopaedic Surgery (AAOS)
* American Society for Surgery of the Hand (ASSH)
* Alberta Medical Association (AMA)
* Canadian Orthopaedic Trauma Society (COTS)
* Calgary South Health Campus Operating Room Culture Club
* Calgary South Health Campus Orthopaedic Surgery – Research Lead
* Calgary South Health Campus Hip Fracture Committee – Surgeon representative
* Canadian Orthopaedic Association – Global Surgery Committee – Vice chair
* University of Calgary – Hand / Upper Extremity Research Lead

**Orthopaedic Courses**

* Advanced Microsurgery – Research and training lab. Columbia University, NY, NY 2010
* Basic Microsurgery – Research and training lab. Columbia University, NY, NY 2010
* Wrist and Elbow Arthroscopy – Masters course. AANA, Chicago, Illinois 2010
* Stryker Upper Extremity Problems and Solutions. Vancouver, BC 2009
* New York Society for Surgery of the Hand – Update. New York, NY 2009
* Canadian Orthopaedic Association Basic Science Course. Edmonton, AB 2007
* AO Advanced Principles of Fracture Management. Melbourne, Australia 2007
* AO Basic Principles of Fracture Management. Davos, Switzerland 2005

**Teaching and Leadership Experience**

* Hand fellowship and residency training 2013 - present
  + Regular fellow and resident training
* Medical school education, University of Calgary 2012 - 2017
  + 2-hour lecture covering upper extremity during MSK block
  + Small group leader, MCQ development
* OR communication, culture and cost effectiveness strategy 2015 - 2017
  + Surgeon leader at South Health Campus
  + A small group of key stakeholders created an intervention focused on

improving overall culture and communication in the operating room.

With help from administrators we were able to fund a 2-day workshop

employing a team of 4 experienced external personal.

* South Health Campus Orthopaedic Research Lead 2013 - 2017
* Core Skills in Orthopaedic Surgery, Royal College of Surgeons of Edinburgh 2011
  + - Invited Course Faculty
* Edinburgh University – MSK clinical teaching for medical students and registrars 2010
* Columbia Medical School – MSK anatomy lab table instructor 2009
* AO ORP Basic Principles – table instructor 2007
* Musculoskeletal Block, University of Calgary Medical School 2005 - 2007
  + - Lectures and small group problem based learning sessions
* Examiner OSCE Station, University of Calgary Medical School 2006
* Canadian Red Cross Society – Global Education Volunteer 1998 - 2000
  + - Facilitator of high school sessions and community groups about global awareness issues such as landmines and disaster relief
* Camp counselor to ages 8 - 16 2005 - 2007
* Leadership training programs
  + - Biluim Canada. 8 week program leadership training and team building 1989
    - Leader in Training Program. Camp Hatikvah. 8 week program 1988

**Volunteer Experience**

**Broken Earth** 2013 - 2015

Traveled with grass roots Canadian Organization to work/operate at Bernard Mevs hospital in Haiti

**Surgical Implant Generation Network (SIGN)** 2011

Travelled with SIGN as SIGN surgeon to Ethiopia, Kenya and Tanzania over a 3 month period providing

Orthopaedic care, surgical training and mentorship at local teaching hospitals (Sept – Dec, 2011).

Funded by the OTC with a large implant donation from Stryker.

**Foundation for Orthopaedic Trauma** 2010

Travelled to Santo Domingo, Dominican Republic on a mission to provide definitive Orthopaedic surgical care to

survivors of the Haitian earthquake (Feb 2 – Feb 6, 2010).

**Chius Student Clinic** – volunteer 1999 - 2003

Provided medical assistance to patients in the downtown eastside area in a student run, physician supervised clinic.

**Canadian Cancer Society, Camp Goodtimes –** volunteer 1998 - 2005

Provide direct support, counseling, and recreation to children with cancer.

**Balkan Sunflowers** – volunteer 1999

Provided hands-on overseas aid to Ethnic Albanian refugees in Tirana, Albania. Projects included: planning events, teaching English and construction of a playground and a games room.

**Vancouver General Hospital** – volunteer 1998 - 1999

Palliative Care Unit. Provided emotional, social and recreational support to patients with life-limiting illness and to their families.

**Memorial Boys’ and Girls’ Club of London Ontario** – volunteer 1994 - 1995

Acted as activity leader for underprivileged and disabled children.