



Words of Wisdom by Werle!

Dear Orthopaedic Surgeons, Residents, and Staff,

It is my pleasure to welcome Dr. Rubini Pathy to the Section of Orthopaedic Surgery at Alberta Children's Hospital. Dr. Pathy's practice will focus on the treatment of neuromuscular disorders including cerebral palsy. Welcome Rubini!

I would like to congratulate Dr. Jim Harder on his retirement as of December 2022. Dr. Harder has been a superb clinician and supporter of the Section throughout his pediatric orthopaedic career at ACH. Best wishes for your retirement, Jim!

The Alberta Surgical Initiative (ASI) continues with the ongoing adoption of the Facilitated Access to Specialized Treatment (FAST) centralized referral system. The goals are to streamline the referral process for patients and also to capture the demand for orthopaedic consultation from the community. This will, in turn, improve our recruitment efforts and access to surgical resources for our Section and Zone. Thank you to Dr. Peter Lewkonja for his efforts on this project.

As part of ASI, AHS is improving operating room access for patients and surgeons through the use of Chartered Surgical Facilities (CSF). Clearpoint Health is the successful vendor to provide orthopaedic CSF access in the Calgary Zone through the Canadian Surgical Solutions site (Arthroplasty/Spine) and the newly renovated Surgical Centres Inc.- Rockyview site (Day Surgery). An allocation process for this incremental OR time is being determined with assistance from the Department of Surgery and Surgical Services within the Zone.

Acute Care Coverage remains a top priority for the Section as no site should be without adequate 24/7 housestaff assistance to ensure patient safety. Diversions are an unfortunate current reality. However, an ACC office has been established in the Department of Surgery and a scheduling template that incorporates resident call, Clinical Surgical Assistants (CSA's), Clinical Associates (CA's), and other human resources is being established. Funding for various programs to support this work is also being secured.

Two new areas of focus for the Section are exploring an Orthopaedic Consult Line (AKA Bone Phone) and also exploring orthopaedic trauma consolidation at fewer acute care sites to improve patient flow. Both of these concepts are in their infancy and we will require further engagement from all members of the Section as we move forward. Stay tuned!

Finally, excitement is building as we are set to host the 78th Annual Canadian Orthopaedic Association Meeting on June 21-24, 2023. This will be an excellent opportunity to showcase all of the incredible research, clinical activity, and quality improvement work underway within our Section. The 50th Anniversary of the U of C Orthopaedic Residency Program will coincide with this event. Details regarding registration will be forthcoming in February.

Until next time!

Jason

Education – Making the Grade!

The residents had their second Christmas Curling Bonspiel which was held at the Glencoe and was a lot of fun.

Thank you to all those who have volunteered to be part of the CaRMS process this year as file reviewers, interviewers, or members of the CaRMS Senate.

The Annual Geoff Cragg Ski Day is fast approaching and it would be great for any faculty members who can make it on March 9th or sponsor a resident.

Research – Skeletal Mentions!

Congratulations to our 2022 COREF Awardees: Manjot Birk "Seasonal Variability in Patient Reported Outcomes After Total Hip and Total Knee Arthroplasty"; Topher Flanagan "Gait Kinematics and Plantar Pressure Analysis Using Wearable Sensors in Patients Treated Operatively Versus Non-operatively for Achilles Tendon Ruptures"; Stephanie Gibbon and Annalise Abbott "The Role of Thrombelastography in the Pediatric Trauma Patient: A Prospective Pilot Study"; Michael Leslie and Daniel You "Venous Thromboembolism Rates Following Multi-ligamentous Knee Reconstruction and Current Thromboprophylaxis Practices: A Systematic and Retrospective Review"; Julian Rizos "External Validation of a Machine Learning Algorithm for Predicting Posterior Malleolar Fractures in Tibial Shaft Fractures"; Gareth Ryan "Prospective Evaluation of the Effects of Traumatic Brain Injury on Long Bone Fracture Healing"; Daniel You, Michael Leslie, and Kaja Matovinovic "Utility of Intraoperative Multidimensional Fluoroscopy in Orthopaedic Trauma Surgery: A Systematic Review and Case-Control Series". Our thanks to all involved in the review process!

2nd Annual The Frank Talks will be taking place on March 22 (invitations to Orthopaedic Faculty will be distributed soon and RSVPs are due by February 28).

Orthopaedic Resident Research Day will be on Thursday May 11 with our guest adjudicator Dr. Robert O'Toole from the Department of Orthopaedics at the University of Maryland School of Medicine.

News from the McCaig Institute for Bone and Joint Health

We welcome Karin Lienhard as the new Manager of Business and Operations! Terri May was the former manager and her last day was on November 10th – we wish her all the best in her new role on the Accelerating Change Transformation Team with the Alberta Medical Association.

Sam and Geraldine (Gerry) Shachnowich have generously donated \$2.5 million to establish an endowment to support spine research for generations to come – Gerry wants to honour her parents Joyce and Orville Harper.

Important event dates: March 7 the McCaig 3MT; April 4 the Scientist-Clinician Speeding Dating event; May 12 the 7th Annual McCaig Meeting on Musculoskeletal Diseases (Research Day); September 25 the Cy Frank Legacy Lecture; November 4 the Wood Forum – for more details on any of these events contact mccaig@ucalgary.ca.

Course Organization/Participation:

Aaron Bois and Kevin Hildebrand are instructors at the Canadian Shoulder and Elbow Society (CSES) Resident Course February 2-4, 2023 in Montreal.

Aaron Bois is a presenter at the 1st Open Meeting of the Canadian Shoulder and Elbow Society, February 5, 2023 in Montreal – “Tips and Tricks Video in Arthroscopic Surgery”

Jason Werle is a member of the Scientific Committee for the 12th Annual International Congress of Arthroplasty Registries meeting taking place in Montreal from May 13-15, 2023.

Grants:

Prism Schneider and team (including Rob Korley, Mike Monument, Shannon Puloski, Paul Duffy, Ryan Martin), were the recipients of a CIHR Project Grant (Fall 2022 competition) for their project: “Evaluating individual cancer-associated thrombosis mechanisms to inform personalized thromboprophylaxis in patients with metastatic bone disease”.

Awards/Honours:

Sue Miller (formerly the Manager of the Joint Transplant Program as well as the Academic Operations Manager was recently inducted into the Nova Scotia Sport Hall of Fame for her role as a member of the national gold medal women’s soccer team from Dalhousie University in 1994.

Prism Schneider is the recipient of an Arthritis Society Canada 2021-2022 Stars Career Development award which is co-funded by CIHR/IMHA - her project title is “Thrombelastography-defined duration of hypercoagulability following elective total hip and total knee arthroplasty”. The Stars Career Development award was created to firmly establish the career of early career investigators.

Presentations:

Nabangshu Das (trainee with Roman Krawetz and Antoine Dufour) “Lubricin – A lubricant outgrowing its lubricating ability!” – McCaig Weekly Seminar on December 1st.

Other:

Alex Rezansoff, Lisa Phillips, Nick Mohtadi, Denise Chan and the UofC Sport Medicine Centre Acute Knee Injury Clinic’s research STABILITY-2 (largest international randomized clinical trial for anterior cruciate ligament reconstruction) appeared in an article in UTODAY on December 1, the COA Dispatch on December 6, and McCaig This Week on December 14.

Jason Werle was on CTV News on December 6 discussing “Knee Surgery Livestreamed ‘Direct from the OR’ for Calgary High School Students” – this was also highlighted in UToday on December 8, COA Dispatch on December 13, and in McCaig This Week on December 14.

Brodie Ritchie a former recipient of a COA Diversity in Leadership Scholarship which she used to attend the online course “Harvard’s Career Advancement and Leadership Skills for Women in Healthcare Development Program” on November 3-5 – her testimonial appeared in the COA Dispatch on December 13.

On January 23-25, Jason Werle was interviewed and featured in news broadcasts regarding scheduling 3,000 AHS funded orthopaedic surgeries in Chartered Health-care/Surgical Facilities. This was featured on various news outlets, including CTV, Global, Calgary Eyeopener, UTODAY, etc.

Some recent publications:

Rayes J, Rizos J, Buckley R: Acute nondisplaced mid-waist scaphoid fracture – should we ORIF? Injury 2022;53:841-843.

Aitken S, Balutis E, Buckley R: Immobilization of a young woman’s wrist after fracture surgery – yes or no and for how long? Injury 2022;53:1305-1307.

Evaniew N, Kitzen J, Buckley R: Percutaneous fixation vs ORIF and fusion for an AO type B thoracolumbar fracture without neurologic injury. Injury <https://doi.org/10.1016/j.injury.2022.05.002>.

Rayes J, Willms S, Buckley R: Supra or infrapatellar intramedullary nailing for proximal to mid-tibia fracture. Injury Aug 2022;53:3067-3069. <https://doi.org/10.1016/j.injury.2022.08.001>

Dehghan N, Nauth A, Schemitsch E et.al. for the COTS and the unstable chest wall RCT investigators (which includes Korley, R., Duffy, P, Schneider P, Martin, R, Buckley, R, Kennedy L, Akbari A, Yee S, Harrison T): Operative vs nonoperative treatment of acute unstable chest wall injuries – A RCT. JAMA Surg. doi:10.1001/jamasurg.2022.4299 published online Sept 21, 2022.

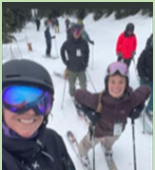
Sharplin P, Rooke G, Buckley R: Intra-articular base of 5th metatarsal fractures (Zone 2) – should we be operating on more of these fractures? Injury October 2022.

Giordano V, Rayes J, Buckley R: Femoral neck fracture in a young person – ORIF but do we use a medial buttress plate as well on the femoral neck? Injury October 2022.

Textbook: Surgical Exposures in Foot and Ankle Surgery, The Anatomic Approach, Co-Editors: DeBoer P, Buckley R, Hoppenfeld S, 2nd Edition 2022, Lippincott, Williams, and Wilkins Publishers.

Major Extremity Trauma Research Consortium (METRC)*: Aspirin or low-molecular-weight heparin for thromboprophylaxis after a fracture. The New England Journal of Medicine 388(3):203-213, January 19, 2023. doi: 10.1056/NEJMoa2205973 (METRC is an international consortium whose Calgary members include: Prism Schneider, Richard Buckley, Paul Duffy, Leah Kennedy, Robert Korley, Karin Lienhard, Ryan Martin and Stephanie Yee.)

In January some Residents were to Whitefish for a Ski Trip



IMPORTANT DATES (mark your calendars) (for more information on these events contact Judy at acortho@ucalgary.ca):

March 9: Annual Geoff Cragg Ski Day – Registration deadline is February 20

March 22: 2nd Annual The Frank Talks

April 20: Annual Spencer McLean Memorial Faculty vs Residents Hockey Game

May 5: Annual Fellows Research Symposium

May 11: Annual Orthopaedic Resident Research Day (guest adjudicator is Dr. Robert O’Toole)

June 9: Surgeons’ Day

June 24: 50th Anniversary of the Calgary Orthopaedic Residency Training Program Celebration

August 3: Orthopaedic Residents Golf Yearly Tournament – registration information to be distributed in April

November 26: Orthopaedic Family Holiday Brunch at Pinebrook

For our current faculty and past and current residents, the celebration of **50 Years of Calgary Orthopaedic Surgery will now take place on June 24, 2023!** On-line registration available in February. If you have any questions, contact Judy at acortho@ucalgary.ca.