



No BONES About It

A Newsletter for the
Calgary Orthopaedic Community
2021 April

Words of Wisdom by Werle!

Dear Orthopaedic Surgeons, Residents, Fellows, and Staff,

As the pandemic wears on, I would like to take this opportunity to thank each and every one of you for your patience as our Section, Zone, province, and country have endured immeasurable uncertainty and change over the past year. I am impressed with the teamwork displayed when our staff or residents required periods of isolation, when members have been asked to convert to virtual care provision or reduce the number of in-person visits, and the incredible adaptability of everyone with regard to the change to virtual meetings for administrative, educational, and research purposes. Your resilience through this all is to be commended. By now, the majority of direct patient care providers within our Section should have received the COVID-19 vaccine. Despite the vaccination supply challenges, AHS has managed the vaccination program very well.

There have been many positive achievements to celebrate over the past few months. These include: (1) Congratulations to Dr. Kevin Hildebrand who has been named Department Head of Surgery, University of Calgary, AHS-Calgary Zone!; (2) Congratulations to Dr. Mike Monument who was successful in the Spring CIHR Funding competition!; (3) Congratulations to Dr. Joe Kendal (R5) who received the Helios Award, Cumming School of Medicine, to support his upcoming MSK Oncology Fellowship!; and (4) Congratulations to Dr. Neil White and his research team for the release of the FROST study which was featured recently on CTV News Calgary!

Other positive developments include the approval of budgets within AHS to proceed with surgical recovery and the Alberta Surgical Initiative (ASI) within the 2021/22 fiscal year. This will include additional outpatient orthopaedic surgery at Chartered Surgical Facilities such as Clearpoint. An RFP for additional orthopaedic CSF work will be forthcoming in May 2021. Orthopaedics, Ophthalmology, and Urology are the initial areas of focus for ASI. This work will also include revamped pre-consultation telephone advice for primary care and central access and triage for all of Orthopaedics. I would like to thank our Division leads for stepping up to assist with this work.

Our Section is actively recruiting 3 positions including for Arthroplasty/Trauma at PLC and at RGH, as well as for a Sports Med Orthopaedic Surgeon at SHC. Thank you to all Section members, residents, and administrative staff for your assistance with the Search and Selection Committees.

Over the next few months, the Section and Divisions will be embarking on the development of an Innovation Strategy. If you have ideas or wish to contribute, please contact me or your Division lead.

Until next time, look after yourself and your families, stay safe and stay well!

Education – Making the Grade!

Congratulations to Laura Morrison on her nomination as the next VP Leadership and Education for PARA.
Congratulations to Joe Kendal on receiving the Helios UCMG Fellowship Training Award.
The residents had their first resident retreat which was a highlight of the year so far. The support from everyone to pursue that event was greatly appreciated!
Special shoutout to those who helped with CaRMS Interviews and to those who attended the virtual social event. Both events were very successful and could not have occurred without everyone's involvement, so thank you.

Research – Skeletal Mentions!

Congratulations to Taylor Bader (supervisors Ganesh Swamy and David Hart) on being the recipient of the 2020 Fraternal Order of Eagles Award – the title of his project is “Assessment of MMP promoter genotype and epigenetic changes in degenerative scoliosis IVD”.
Faculty: (1) Call of Applications for the 2021-22 Faculty Seed Grant Competition have been distributed – deadline to receive completed applications is May 30, 2021; (2) Please remember to complete “Resident and Fellow Research Proposal Template Forms” for all new projects that you would like included in the 3rd Edition of our Research Database Booklet (any questions on either of these items please contact acortho@ucalgary.ca).
Please note that from now on, only Orthopaedic Residents will be eligible for COREF Awards. Fellows and their supervisors should connect with the Office of Surgical Fellowship with regards to research funding opportunities. The Call for Applications for the 2021 COREF Competition will go out in early July with a mid-September closing date.
2021 Resident Research Day will be on April 22nd, and will be via Zoom – watch your emails for further details – Drs. Mary Brindle and Andrew Dodd are the adjudicators. Fellows Research Symposium will be taking place on May 14th and Surgeons Day will be on June 4th.
At the March Research Meeting Dr. Mike Kallos (Director BME Calgary Initiative) gave a very interesting presentation and is very keen to facilitate more collaborations between Orthopaedics and BME. Interested Faculty are invited to submit a brief Biosketch (1 page maximum) to Judy Crawford (acortho@ucalgary.ca), outlining your clinical interests and if you like, include any research questions that you may have that could be answered by an engineering approach. There is an opportunity to collaborate with engineering students and faculty on clinically relevant problems of almost any description. We are happy to help you get started.

News from the McCaig Institute for Bone and Joint Health

The McCaig Institute's Manager of Communications and Events, Ms. Nancy Whelan retired as of January 22, 2021. We wish Nancy much success in her future endeavours. Kirstyn MacGillivray will be adding McCaig Institute communications to her duties within the Institute. Below is the link to the McCaig Institute's 2021 Spring Newsletter: <https://mccaig.ucalgary.ca/sites/default/files/Newsletter%20archive/Research%20in%20Motion%20Spring%202021%20PDF.pdf>

Awards/Honours:

Prism Schneider was the presenting author for an Orthopaedic Trauma Association Highlight Paper award and a co-author for another Highlight Paper award from the 2020 Orthopedic Trauma Association Annual Meeting. Highlight papers: were (1) RE Buckley, PJ Duffy, R Korley, R Martin, S Yee, A Akbari, L Schultz, and P Schneider: Utility of Fibular Fixation in Same-Level Tibia and Fibula Fractures: A randomized controlled trial; and (2) DR Walker Macdonald, DW Neilly, P Schneider, S Bzovsky, S Sprague, D Axelrod, RW Poolman, F Frihagen, M Bhandari, MF Swionkowski, EH Schemitsch, I Stevenson, FAITH Investigators, and HEALTH Investigators: Venous Thromboembolism in Hip Fracture Patients: A subanalysis of the FAITH and HEALTH trials

The McCaig Institute held their 3MT Competition in mid-February; 1st place went to Alex Olsen (BME Master's student with Roman Krawetz) "Isolation of Captain Americas Super Healing Factor"; and 2nd place went to Karys Hildebrand (Medical Sciences Master's student with Mike Monument) "Understanding the Role of STING Therapy in Soft Tissue Sarcoma – Will a Cyclic Dinucleotide really work?"

Joe Kendal is the recipient of a Cumming School of Medicine 2021 Helios UCMG Post Fellowship Training Award (his Fellowship will take place in Los Angeles, California)

Grants:

Mike Monument (NPA) and Frank Jirik were recently awarded a CIHR 5-year \$1,071,000 grant to study "Harnessing STING activation for the treatment of sarcoma"

An interdisciplinary team led by Jeff Biernaskie and Michael Kallos along with several McCaig Institute Members including Roman Krawetz were awarded \$1.8 million by the Canadian Foundation for Innovation for the creation of the Centre for Cell Therapy Translation (C2T2)

Presentations:

Kaitlyn Dillabough, a trainee with Prism Schneider, presented "Breaking the Cycle of Intimate Partner Violence: Education, identification, and intervention" at the January 6th, McCaig Institute weekly seminar

Neil White presented "FROST: Factors predicting Orthopaedic trauma volumes", at the January 15th, Section of Orthopaedics monthly Citywide Rounds

Prism Schneider, Chris Prusinkiewicz, Danae Krahn, Leslie Skeith and Kelly Zarnke presented "Timely Care for Patients with a Hip Fracture on Anticoagulants" at the February 19th Combined Orthopaedic Surgery and Anaesthesia Citywide Rounds

Jim Powell presented "Perceiving Pain from the Hip – How does it occur?" at the March 3rd McCaig Institute weekly seminar

Prism Schneider and Ryan Martin as the Ortho CME Co-Leads presented "Bridging the Gaps in Calgary Orthopaedics: Cross-disciplinary controversies" at the March 19th Section of Orthopaedics monthly Citywide Rounds

Other:

In the February 12th UToday Bulletin, Richard Buckley and his wife Lois Torfason were one of several couples highlighted in the "Alumni Couples Found Love Under the UCalgary Arch" article which was in honour of Valentine's Day.

Karys Hildebrand (Master's student with Mike Monument) was highlighted in McCaig This Week on February 16th for her role as the Education Representative on the McCaig Trainee Committee

Congratulations to Kevin Hildebrand who has been appointed as the new Head of the Department of Surgery effective March 1st.

Brent Edwards, Prism Schneider and team were featured in the March 8th UToday article regarding their research study involving rare fractures in post-menopausal women (this was also featured in McCaig This Week)

Neil White, Martina Vergouwen and the SCRUBS Team were highlighted on the CTV News on March 10th with regards to their FROST Study and the Alberta Slip and Fall Index (this was also featured in UTODAY, McCaig This Week and the COA Weekly Dispatch)

Some recent publications:

DR Mazzei, A Ademola, JH Abbott, T Sajobi, K Hildebrand, and DA Marshall: Systematic review of economic evaluations investigating education, exercise and dietary weight management to manage hip and knee osteoarthritis: Protocol. Systematic Reviews, Oct 2020;9(1):299-306. DOI: 10.1186/s13643-020-01492-6

DR Mazzei, A Ademola, JH Abbott, T Sajobi, K Hildebrand, and DA Marshall: Are education, exercise and diet interventions a cost-effective treatment to manage hip and knee osteoarthritis? A systematic review. Osteoarthritis and Cartilage, Nov 2020; S1063 – 4584 (20) 31165-1. DOI: 10.1016/j.joca.2020.10.002

KA Hildebrand, PS Schneider, NGH Mohtadi, A Ademola, NJ White, A Garven, REA Walker, and TT Sajobi, on behalf of PERK 1 Investigators: PrEvention of Posttraumatic contractuRes with Ketotifen 1 (PERK 1): A Randomized Clinical Trial, J Orthop Trauma 34(12):e442-e448, December 2020.

ML Litowski, J Purnell, KA Hildebrand and AJ Bois: Surgical outcomes and complications following distal biceps tendon reconstruction: A systematic review and meta-analysis. Journal of Shoulder and Elbow Surgery (JSES) International 5(1):24-30, January 2021. <https://doi.org/10.1016/j.jseint.2020.09.010>

D You, Y Xu, B Ponich, P Ronksley, L Skeith, R Korley, M Carrier and PS Schneider: Effect of oral anticoagulant use on surgical delay and mortality in hip fracture: A systematic review and meta-analysis, The Bone & Joint Journal 103-B(2): 222-233, February 2021.

CA Kwong, JM Woodmass, EM Gusnowski, AJ Bois, J Leblanc, KD More and IKY Lo: Platelet-rich plasma in patients with partial-thickness rotator cuff tears or tendinopathy leads to significantly improved short-term pain relief and function compared with corticosteroid injection: A double-blind randomized controlled trial. Arthroscopy: The Journal of Arthroscopic & Related Surgery, 37(2):510-517, February 2021 DOI: 10.1016/j.arthro.2020.10.037

M Vergouwen, TL Samuel, EC Sayre, and NJ White: FROST: Factors predicting orthopaedic trauma volumes, Injury, 2021, ISSN 0020-1383, DOI.org/10.1016/j.injury.2021.02.076

For our faculty and past and current residents, the celebration of **50 Years of Calgary Orthopaedic Surgery has been postponed and will now take place on July 8-9, 2022!** On-line registration will be available in Spring 2022 – watch for future emails. For more details, or if you have any questions, contact Judy at acortho@ucalgary.ca.

HOLD THE DATE:

The Orthopaedic Residents Golf Yearly tournament will take place at Kananaskis on Thursday August 12, 2021.

An email will be distributed in late April regarding fees, registration, and sponsorship.

Congratulations to Trent and Erin Davison (R2) on the arrival of daughter (their first born) – Nora Jane, born February 9th at 12:50 pm

