



No BONES About It

A Newsletter for the
Calgary Orthopaedic Community

2021 October

Words of Wisdom by Werle!

Dear Orthopaedic Faculty, Residents, and Staff,

As we continue to battle the fourth wave of the pandemic, I want to thank each of you for your inner strength and commitment in providing compassionate care to our orthopaedic patients. I would also like to thank the members of our Section who have re-deployed to help our critical care colleagues. As desperate as the situation is, we will pull through this wave and land on the other side. I would encourage you to talk to your colleagues or access assistance through the AMA Physician and Family Support line if you feel the need to do so. We are all in this together. The activities of the Section of Orthopaedics have continued since my last update. Three new Section members joined us in September – Dr. Denis Joly (RGH), Dr. Jeremy Kubik (PLC), and Dr. Cory Kwong (SHC). Please join me in welcoming them! I look forward to their many contributions to Calgary Orthopaedics in the years ahead.

Congratulations to Dr. Cory Cundal who is the new Ortho Site Lead at RGH. Thank you to Dr. Ed Rendall for his contributions over the past 8 years. Congratulations to Dr. Emmanuel Illical who is the new Quality Improvement/Quality Assurance Lead for the Section. Thank you to Dr. Richard Ng for his efforts in this role over the past 2 years. Richard has been instrumental in setting up the role within the Department as the inaugural lead. Thank you to Dr. Jacques Bouchard who completed his term as the Orthopaedic Competence By Design (CBD) Lead in August. CBD is now being implemented throughout the program. Thank you to all faculty who are contributing to these efforts including by completing individual resident assessments as well as through Advisor and Competence committee roles.

Congratulations to Dr. Alex Soroceanu who is now off on an 11-month maternity leave! The Section welcomes Dr. Mina Aziz who will be acting as a spine locum for her during this time.

The Alberta Surgical Initiative (ASI) is continuing with work on Chartered Surgical Facility (CSF) planning as well as zone-wide work on Central Intake and Triage. I am confident that these activities will be critical components to help address the growing waitlists for surgery that have been compounded by the pandemic.

Finally, as indicated in communications from the Chief Medical Officer (CMO), AHS has implemented a mandatory vaccination policy that applies to all medical staff. **Please complete the Got My COVID-19 Vaccine Form prior to October 16th** to avoid future restrictions on your work.

Until next time, thank you and stay well!

Jason Werle
Head, Section of Orthopaedic Surgery

Education – Making the Grade!

Congratulations to Jennifer Purnell, Annalise Abbott and Laura Morrison for receiving the COA's Diversity in Leadership Scholarship.

Congratulations to Murray Wong for becoming the University of Calgary representative for the Resident Assembly of the AAOS.

Thank you to all those who attended the Orthopaedic Residents Golf Yearly tournament in Kananaskis, which was a great success.

Below are the Orthopaedic Awards for the 2020-2021 Academic Year: **Daniel You** - 2020-2021 Spencer McLean Award; **Marcel Abouassaly** – Educator of the Year; **Richard Ng** – Junior Resident Mentor of the Year; **Kevin Hildebrand** – Senior Resident Mentor of the Year; **Jeremy LaMothe** – Work-Life Balance Award; and the **Pediatrics Division** received the Best Academic Hal-Day Award

For one full day during the week of September 18-23, 2022, the 2022 Royal College External Review will be taking place. The exact date for the Orthopaedic Review has not yet been decided but we ask that all faculty and residents keep these dates free from any travel plans and clinical duties (except for emergency care) as we will need you to be part of this important external review.

Research – Skeletal Mentions!

The Research Portfolio thanks all involved in the review process of the 2021-22 Faculty Seed Grant (FSG) applications, with a special thanks to Nick Mohtadi who chaired this process. We are pleased to announce that two FSGs were awarded: (1) Neil White "FROST 2.0: Factors predicting orthopaedic trauma volumes"; and (2) Nick Desy and team "Topical vancomycin for infection prophylaxis in total hip and knee arthroplasty: A randomized controlled trial pilot study".

The 2021 COREF deadline was the end of September and eight applications were received from residents and their supervisors. The review process has started and decisions are expected by the end of November. Our thanks to everyone involved in the application process and to the reviewers.

The McCaig Institute plans to hold a "Speed Dating" event this Fall or Winter and it will be followed by a call for applications for McCaig Clinician/Scientist Seed Grants – watch for further details to be distributed via email.

News from the McCaig Institute for Bone and Joint Health

Wood Forum 2021 will take place on Saturday November 6th from 10:00 am to 12:00 noon and the topic is "Sport Injury Prevention" – for more information and to register, contact the McCaig Institute at mccaig@ucalgary.ca.

The Sixth Annual McCaig Institute Summer Student Symposium was held via Zoom on August 19, 2021. There were thirty-three oral or poster presentations within three sessions. In Session 2, Roman Krawetz's student Jessica Corpuz was awarded 1st place for her oral presentation on "Intervertebral disc degeneration in a novel murine model". The Fan Favourite award for all oral presentations went to Michael Monument's student Ye-Jean Park for the presentation "Cross species efficacy of small molecule STING agonists and their therapeutic potential against canine sarcoma". Congratulations to all involved with organizing, judging and presenting at this excellent event!

Course Organization/Participation:

Ian Lo was the Chairman of the Smith+Nephew's Medical Education Virtual Visiting Surgeon Shoulder Series which took place on September 8th, 15th and 22nd.

Kevin Hildebrand was a Co-Host of the "So You Have an Idea ..." event on October 6th, (collaborative zoom event hosted by BiohubX, the Department of Surgery and Hybridge Medical) - an insightful presentation on the innovation cycle and the clinician-entrepreneur perspective.

Nick Mohtadi along with Carolyn Emery, Ranita Manocha and Matt Jordan will comprise the speaker panel for the McCaig Institute's 2021 Wood Forum on Sport Injury Prevention on November 6th.

Awards/Honours:

Jennifer Purnell, Annalise Abbott, and Laura Morrison, were all recipients of a Diversity in Leadership Scholarship - Each of these residents have expressed interest in holding leadership positions as they move through their training and into their careers and this new initiative through the Canadian Orthopaedic Association will help them in this endeavor.

Taylor Bader, trainee with Ganesh Swamy and David Hart, was awarded the McCaig Institute's 2021 Linda Marchuk Memorial Award.

Grants:

2020 New Frontiers in Research Fund Exploration competition successful applications by: (1) Steven Boyd, Gregory A Kline, Richard Walker and Kelly Johnston - "Altering bone microarchitecture and mechanics by off-label pharmaceutical intervention following an acute knee injury"; and (2) Prism Schneider and her multi-disciplinary research team - "Breaking the cycle of intimate partner violence: Education, identification, and intervention".

Brent Edwards and Prism Schneider were the recipients of a 2021 Canadian Orthopaedic Research Legacy (CORL) Grant from the Canadian Orthopaedic Foundation for their research entitled "Effects of high-dose bisphosphonate treatment on fatigue properties and fracture patterns in ovariectomized rabbits".

Prism Schneider received funding from the Canada Foundation for Innovation (CFI) John R. Evans Leaders Fund (JELF) for her project: "Precision medicine approach to trauma-induced coagulopathy" - Prism is one of 13 UCalgary scholars awarded support from the CFI John R. Evans Leaders Fund.

Presentations:

The Department of Surgery's annual Surgeons' Day took place on June 4th and the following people from within our Section presented: Neil White "Frost: Factors predicting orthopaedic trauma volumes"; Roman Krawetz "Synovial mesenchymal stem cells for use in cartilage repair strategies and the treatment of osteoarthritis"; Prism Schneider "Clotting in critically ill patients with COVID-19: Is precision medicine using thromboelastographic the next step" and Annalise Abbott "Effectiveness of immune checkpoint inhibitors on bone metastases in non-small-cell lung cancer". Brent Benavides, Peter Lewkonja, Prism Schneider and Laurie Hiemstra were competitors in the Shaprest Knife (Live Grant) Competition and the award recipient was Laurie Hiemstra and her team which includes Marcia Clark.

Other:

For the 2021-22 academic year, the following individuals are a member (or chair) on the following Canadian Orthopaedic Association Committees: Continuing Professional Development – Lisa Phillips and Mike Monument; Finance and Audit – Marcia Clark (Chair) and Jason Werle; Nominating Committee – Andrew Dodd; COA Global Surgery – Neil White (Chair).

The Cumming School of Medicine's Instagram page highlighted the research of Mike Monument on August 11th and Prism Schneider on September 1st.

In August, Alex Olson, MSc student with Roman Krawetz successfully defended her thesis "Enhancing osteoporotic fracture healing with p21^{-/-} induced pluripotent stem cells".

Rick Buckley was featured on Cold Steel: Canadian Journal of Surgery Podcast – E91 – "How to age and retire gracefully in surgery" – the link to his presentation is: <https://soundcloud.com/cjs-podcast/e91-rick-buckley-on-how-to-age-and-retire-gracefully-in-surgery>.

Some recent publications:

D You, L Skeith, R Korley, P Cattle, A Lee, P McBeth, B McDonald, R Buckley, P Duffy, CR Martin, A Soo, P. Schneider. Identification of hypercoagulability with thrombelastography in patients with hip fracture receiving thromboprophylaxis. Can J Surg 2021;64(3):E324-E329. DOI: [10.1503/cjs.021019](https://doi.org/10.1503/cjs.021019).

KM Hildebrand, AK Singla, R McNeil, KL Marritt, KN Hildebrand, F Zemp, J Rajwani, D Itani, P Bose, DJ Mahoney, FR Jirik, MJ Monument: The KrasG12D;Trp53fl/fl murine model of undifferentiated pleomorphic sarcoma is macrophage dense, lymphocyte poor, and resistant to immune checkpoint blockade. Published: July 9, 2021 DOI:[10.1371/journal.pone.0253864](https://doi.org/10.1371/journal.pone.0253864).

MT Sabo, J LebBlanc, KA Hildebrand: Patient gender and rotator cuff surgery: Are there differences in outcome? BMC Musculoskeletal Disorders 22 (1):1-11, 2021.

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

Have you checked out the following on Instagram: "cog_cycling_club" which shows the adventures of our own Calgary Orthopaedic Group Cycling Club; "ucalgaryortho" which is hosted by our illustrious Residents and highlights them and their activities (both professional and personal).

Over the past several months faculty and residents were given the opportunity to purchase new Patagonia Jackets that would feature our updated University of Calgary Orthopaedic Logo. Recently some of the residents got together to show off their new jackets



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. If you have any questions, contact Judy at acortho@ucalgary.ca.

Please contact Judy Crawford at acortho@ucalgary.ca if you have submissions or ideas for contents for future newsletters!