



Words of Wisdom by Werle!

Dear Orthopaedic Surgeons, Residents, and Staff,

It is my pleasure to welcome Dr. Alex Meldrum to the Section of Orthopaedic Surgery! Alex's practice will be based at RGH and the Alberta Hip and Knee Clinic. I look forward to his contributions to our Section in the years to come.

Congratulations to Dr. Nick Desy, the residents, and all faculty and staff on the recent successful accreditation of our Residency Training Program by the Royal College of Physicians and Surgeons of Canada!

The Cy Frank Legacy Lecture on September 28th was a great success thanks to the McCaig Institute and our lecturer, Dr. Ewa Roos, from Denmark. She is the founder of the GLA:D conservative OA management program. The lecture was well attended online and in person.

Likewise, the North American Traveling Fellows were hosted by our Section at the University of Calgary from October 4th-7th. It was an excellent combination of outdoor activities and stimulating academic presentations. Check out the youtube link created by one of the fellows:

<https://www.youtube.com/watch?app=desktop&v=xUDx7oV4IJ0>

The Alberta Surgical Initiative (ASI) continues with the goal of having every Albertan receive their surgery within clinically recommended wait times by 2024. The Facilitated Access to Specialized Treatment (FAST) office (Central Intake for Ortho) was launched in the Calgary Zone on October 11, 2022. A special thank you to Dr. Peter Lewkonja for his assistance with this initiative. I would also like to thank all Section members that are participating and encourage all Section members to sign up.

The Chartered Surgical Facility (CSF) RFP process for Orthopaedics is proceeding. OR capacity for AHS funded procedures has been opened at Canada Surgery Solutions (Clearpoint Health) and a long-term contract is in the works. I would encourage all Section members to obtain privileges at the CSF as it will be an important component of OR allocation in the future. Health Human Resource continues to be a challenge as we attempt to gradually increase surgical volumes this fiscal year.

Acute care coverage continues to be a priority for the Section and Department. On a positive note, the Department of Surgery has established an Acute Care office and both CSA recruitment and a clinical ARP for extenders are proceeding. This remains the number one patient safety concern for the Section of Orthopaedics.

Connect Care is set to launch at FMC on November 6, 2022. Thank you to all Section members from PLC and ACH for your feedback, experience, and ongoing work with Connect Care in the previous launch (May 2022). This will undoubtedly help your fellow Section members.

Finally, Christmas is just around the corner. I encourage you and your families to join the Section in celebrating the season at the upcoming Orthopaedic Holiday Event on Sunday, November 27th. It will be held at Pinebrook Golf Course and it will be a great opportunity to spread some holiday cheer (invitation emails have been distributed – to RSVP please contact Judy Crawford at acortho@ucalgary.ca).

Until next time, thank you for all you do for orthopaedic patients day in and day out within our zone and university.

Best wishes,

Jason

Education – Making the Grade!

Congratulations to Erin Davison on the birth of her new son Henrik.

Congratulations to Laura Morrison and Laurel Collings for their nominations as Co-Chairs for the 2023 CORA meeting which will be held here in Calgary along with the COA meeting.

Congratulations to Brodie Ritchie and Laurel Collings for receiving COA Leadership in Diversity Scholarships.

The CaRMS interview date will be on Wednesday February 22, 2023. We will soon be looking for volunteers to act as file reviewers, interviewers and members of the final ranking senate.

A big thank you to everyone who participated with the External Review (Accreditation) that occurred on Tuesday September 20th, 2022. The surveyors were highly impressed with the residency program which is a testament to the strength of the team and all its members (residents, faculty, administrative personnel, and more). Thank you very much!

Research – Skeletal Mentions!

Congratulations to Ganesh Swamy and team on being the recipient of the 2022-2023 Faculty Seed Grant Award for their project entitled “Development of a Patient Decision Aide in Adult Spinal Deformity”.

This fall, Orthopaedics was awarded three of nine CSRDF awards. Congratulations to awardees: Anna-Lee Policicchio - “Optimal Construct for Fixation of Femoral Neck Fractures: A Biomechanical Analysis”; Gareth Ryan - “The Effects of Traumatic Brain Injury on Long Bone Fracture Healing in Orthopaedic Trauma Patients: A Pilot Study”; and the Calgary Orthopaedic Resident Research Group - “Validation of a Model for Predicting Delayed Displacement of Distal Radius Fractures: A Pilot Study”. They received \$5,000.00 each for their research projects.

On October 6th we hosted a very successful academic symposium in conjunction with the North American Travelling Fellows visit. At the symposium Jason Werle was the MC and the presenters were the 5 NATF Fellows, Nick Mohtadi, Laura Morrison, Prism Schneider, Neil White and CORR. Thanks to all that gave great presentations as well as to those that attended!

The COREF grant competition is currently in the review stage of the process. Thank you to all involved with writing grants and to those involved in the review process. Distribution of decision letters is expected in late November.

The 2022 Fraternal Order of Eagles grant competition is underway with a closing date of December 11th to receive completed applications (contact is acortho@ucalgary.ca).

News from the McCaig Institute for Bone and Joint Health

The 2022 Wood Forum – “Healthy Joints for Life”, took place on October 29th as both an in-person and virtual event. Speakers and topics were: Raylene Reimer “A gut feeling: How improving your gut health with diet can affect your osteoarthritis”; Jason Werle “Ouch! My <enter joint name> hurts!: Nine Steps that can help you”; Richard Walker “MR-‘Why’? – Be imagining informed”; Jackie Whittaker “What you knee’d to know to avoid osteoarthritis after a knee injury”.

Congratulations to Terri May, the McCaig Institute Business and Operations Manager, who was the recipient of a Cumming School of Medicine Staff Excellence Award for Operational Excellence at the recent 2022 Awards and Recognition Ceremony.

Course Organization/Participation:

Wood Forum – “Healthy Joints for Life” – Saturday October 29th – Speakers: Drs. Raelene Reimer de Bruyn, Richard Walker, Jason Werle, Jackie Whittaker. Jason Werle’s topic was “Ouch My <enter joint name> hurts!: Nine steps that can help you.”

Awards/Honours:

Karys Hildebrand, trainee in the Mike Monument Lab, was the recipient of the 2022 Linda Marchuk Memorial Award from the McCaig Institute for Bone and Joint Health.

On November 4th the Department of Surgery held their Gala event to announce annual award - Congratulations are extended to the following individuals: Mike Monument – Outstanding Contribution in Basic Science Research; Elaine Joughin - Excellence in Surgical Care for Underserved Population in Canada and Abroad; Prism Schneider – McPhedran Award for Innovation in Surgical Teaching; Peter Lewkonian – Educator of the Year; and Marcia Clark – Excellence in Teaching Award for Continuing Medical Education and Faculty Development.

Presentations:

Taylor Bader, trainee with Ganesh Swamy, presented “Do Mechanical and Structural Differences in Degenerated Intervertebral Discs Result in Degenerative Scoliosis and Spondylolisthesis? at the October 6th weekly McCaig Institute Seminar Series.

Other:

Marcia Clark and Jason Werle (along with several other orthopaedic surgeons national) participated in the COA’s Annual Meeting “Pay-It-Forward” program which gifted twenty-five orthopaedic residents COA Gala tickets to network with colleagues from across the country.

Roman Krawetz’s research discovery that common body fluid may help improve wound healing appeared in an article in the October 5, 2022 UToday and the McCaig This Week announcements.

Mike Monument was highlighted in the October 5th McCaig This Week announcements with regards to his 2022 ABC Fellowship.

Some recent publications:

Chen J, Wang J, Hart DA, Ahmed AS, Ackermann PW: Complement factor D as a predictor of Achilles tendon healing and long-term patient outcomes. FASEB J. 2022; 36:e22365. doi:10.1096/fj.202200200RR.

Hart DA: One of the primary functions of tissue-resident pluripotent pericytes cells may be to regulate normal organ growth and maturation: Implications for attempts to repair tissues later in life. International Journal of Molecular Sciences. 2022; 23(10):5496. <https://doi.org/10.3390/ijms23105496>.

Hart DA: Sex differences in biological systems and the conundrum of menopause: Potential commonalities in post-menopausal disease mechanisms. International Journal of Molecular Sciences. 2022;23(8), 4119. <https://doi.org/10.3390/ijms23084119>.

Otoo BS, Li L., Hart DA, Herzog W: Development of a porcine model to assess the effect of in situ knee joint loading on site-specific cartilage gene expression. ASME. J Biomech Eng. February 2022;144(2):024502. <https://doi.org/10.1115/1.4051922>.

Phelps J, Leonard C, Shah S, Krawetz R, Hart DA, Duncan N, Sen, A: Production of mesenchymal progenitor cell-derived extracellular vesicles in suspension bioreactors for use in articular cartilage repair. Stem Cells Translational Medicine, Volume 11, Issue 1, January 2022, Pages 73–87. <https://doi.org/10.1093/stcltm/szab008>.

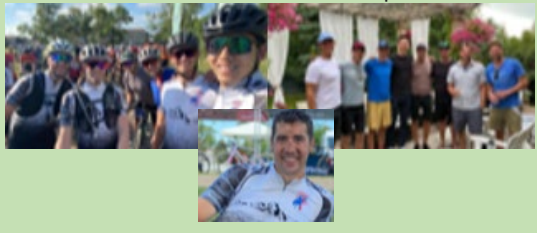
James M, Kwong CA, More KD, LeBlanc J, Lo IKY, Bois AJ: Bony apprehension test for identifying bone loss in patients with traumatic anterior shoulder instability: A validation study. The American Journal of Sports Medicine, 2022 50(6):1520–1528. <https://doi.org/10.1177/03635465221085673>.

Wong MT, Wiens C, Kuczynski M, Manske S, Schneider PS: Four-dimensional computed tomography: musculoskeletal applications. Canadian Journal of Surgery. 2022 65(3):E388-E393. doi:<https://doi.org/10.1503/cjs.023420>.

Bourget-Murray J, Watt Kearns SJ, Piroozfar S, Lukenchuk J, Johnston K, Werle J. Birmingham Hip Resurfacing for osteoarthritis- A Canadian retrospective cohort study with a minimum 10-year follow-up. Canadian Journal of Surgery 2022 65(3):E296-E302. DOI:<https://doi.org/10.1503/cjs.013320>.

Krawetz RJ, Abububacker S, Leonard C, Masson AO, Shah S, Narendran N, Tailor P, Regmi SC, Labit E, Ninkovic N, Corpuz JM, Ito K, Underhill TM, Salo PT, Schmidt TA, Biernaskie JA: Proteoglycan 4 (PRG4) treatment enhances wound closure and tissue regeneration. npj Regenerative Medicine 7(32), June 24, 2022 <https://doi.org/10.1038/s41536-022-00228-5>.

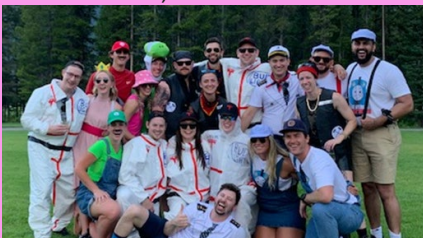
Summer 2022 COG-C Trips



Summer 2022 – Residents Trip to Whitefish with Hosts B. Ruckley and L. Torfason



Orthopaedic Residents Golf Yearly Tournament
Theme: Planes, Trains and Automobiles



2022-23 R1 Residents
have received their new University of
Calgary Orthopaedic 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 **June 24, 2023!** On-line registration will be available in Winter 2023 – watch for future emails. If you have any questions, contact Judy at acortho@ucalgary.ca.