

## Words of Wisdom by Werle!

Dear Calgary Orthopaedic Community (including Ortho Section members, residents, staff, and researchers),

I hope this newsletter finds you well as winter winds down, the days are getting longer, and spring is just around the corner.

As you are all aware, healthcare delivery in Alberta is facing significant fiscal challenges. Our Section, and physicians in general, are in uncharted territory as the Alberta Health/AMA/AHS Master Agreement expires at the end of this month and many changes to compensation and healthcare delivery will be mandated by Alberta Health and the Minister. I want all of you to be aware that the Section, Department, and Zone leadership are advocating on your behalf. This is clearly a stressful time. I encourage you to reach out to myself, your colleagues, or to the Family and Physician Support Program if you require assistance.

Despite these challenges, our Section members and residents contribute in countless ways to the provision of world class orthopaedic care, teaching, and research in our hospitals and University. The 2019 Annual Report for our Section has been submitted and some impressive statistics include: (1) 74 peer-reviewed journal articles published by Ortho Section members in 2019; (2) 99 separate research grants received by Ortho Section members in 2019 totaling more than \$3.9M; (3) 16,800 orthopaedic surgical procedures performed across our 5 sites in FY2018/19. Thank you for your contributions to patient care and to the success of our Section!

Congratulations to faculty members and residents who were recognized by the Classes of 2019 and 2021 at the Cumming School of Medicine Faculty Appreciation Night on January 9<sup>th</sup>. Thank you for supporting U of C undergraduate medical education. Special thanks to Jeremy LaMothe and Peter Lewkonja for their contributions and leadership.

Orthopaedics has a number of activities to look forward to this spring and summer. I encourage all of you to attend the 1<sup>st</sup> Annual Acetabular Cup Orthopaedic Curling Funspiel on the evening of Friday, March 27<sup>th</sup>. No experience or equipment is necessary (except clean running shoes). This event is open to the ortho community and their families. Please contact Stephanie Schapansky for more details.

The other fantastic event in 2020 will be the 50<sup>th</sup> Anniversary celebration of the U of C Orthopaedic Residency Program being held July 3-4, 2020. This event will combine social activities with a CME event to commemorate the Program and its residents. Thanks to Judy and the organizing committee for all of their hard work on this project. Online registration is now open. Donations to the Taylor-Hollinshead Endowment Fund are also being accepted.

Best wishes to you all and please contact me if you have concerns, challenges, or ideas to discuss.

## Education – Making the Grade!

Congratulations are extended to Jonathan Bourget-Murray who is the recipient of the 2020 Royal College Harry S. Morton Travelling Fellowship in Surgery Award

Please mark your calendars for two events:

- May 22, 2020: Mid-Cycle Internal Review – all residents and members of the OSRTC are expected to attend their designated meetings.
- June 25, 2020: Year-End BBQ, which will take place at Wild Rose Brewery - Barracks Room (watch for an email to confirm your RSVP)

2020 CaRMS Match date was March 3<sup>rd</sup>, and we are pleased to be welcoming the following individuals: Laurel Collings (Queen's University); Jarrett Moore (University of Calgary); Julian Rizos (Western University); and Logan Woods (University of Alberta)

Congratulations are extended to Taryn Ludwig and her husband Jon on the arrival of their first child. Harris was born on February 11<sup>th</sup>, weighed 3280 g and was 51 cm long.



## Research – Skeletal Mentions!

2019 Stats Workshop took place on Saturday December 14<sup>th</sup> with fourteen attendees

Fall 2019 FOE Grant was awarded to Bryan Heard (Ganesh Swamy) "Are sex-differences in degenerative spondylolisthesis and degenerative scoliosis explainable by mechanical differences in the post-menopausal intervertebral disc?"

Thanks to everyone for submitting their COREF Interim/Final Reports In early December Catherine Leonard and Judy Crawford hosted an informal get-together with all of the Orthopaedic Research Coordinators – this was well received and they plan on meeting two times per year (annually on the morning of Resident Research Day at the Medical School and once in the Fall at various locations across the city) – the next meeting of this group will be April 23<sup>rd</sup>.

Dr. Robert O'Toole from the University of Maryland has been confirmed as our guest adjudicator/keynote speaker for Resident Research Day on April 23, 2020; Dr. Mary Brindle will be our Local External and Dr. Andrew Dodd will be our Internal adjudicators We are currently waiting for our Research Portfolio budget allocation for the 2020-21 year and then decisions will be made about what funding opportunities will take place in the new fiscal year

## McCaig Institute for Bone and Joint Health:

For information on the recent Clinician-Scientist SEED Grant recipients please see Kudo's Section under Grants

On February 13<sup>th</sup> the McCaig Institute hosted a Town Hall Meeting with regards to the Mobility for Life Project. The Team Leaders provided an overview of the project goals, structure, proposed methods and timeline, in addition to providing information on the work that has been done to date and project funding

Hosting "Science in the Cinema" – "Gravity" starring Sandra Bullock and George Clooney. After the movie, Steve Boyd, Leigh Gabel and Dave Hart will talk about all the exciting space-related studies they have worked on, including the TBone study. Free admission and free popcorn! April 15<sup>th</sup> at 6:30 pm at The Plaza Theatre – 1133 Kensington Road NW, Calgary

7<sup>th</sup> Annual McCaig Meeting on Musculoskeletal Disease will be on June 26, 2020 (the guest speaker is Dr. Saija Kontulainen)

## Kudos Korner – Congratulations go to

### Course Organization/Participation:

Lee Fruson presented (podium), on behalf of the SCRUBS Team at the September meeting of the American Society for Surgery of the Hand (ASSH) "Determination of scaphoid union: Are we as good as we think?"

### Awards/Honours:

Jonathan Bourget-Murray was awarded one of four full scholarships to attend the Canadian Paediatric Orthopaedic Trauma Course from January 23-25 in Whistler, British Columbia

Prism Schneider, received the Orthopaedic Research Society International Section of Fracture Repair Presentation Award at the annual ORS Meeting in February

The following individuals were acknowledged at the February 12<sup>th</sup> Cumming School of Medicine's Celebration of Excellence event: Marcia Clark (Community and Service Awards); Mike Monument and Nigel Shrive (Medical, Education and Scientific Organization Awards)

Faculty Appreciation Night, Class of 2021/Class of 2019 - the following individuals were acknowledged: Peter Lewkonja (Jersey Award); Jeremy LaMothe (Dr. David Strather Award for Clinical Core); Andrew Dodd/Prism Schneider (Pre-Clerkship Honour Roll); and Marcia Clark/Kelly Johnston/Justin LeBlanc/Ryan Martin/Ken Thomas/Jason Werle/Annalise Abbott/Jon Bourget-Murray/Taryn Ludwig (Clerkship Honourable Mentions)

### Grants:

Prism Schneider received CIHR funding for her research project entitled "Quantification of the duration of increased risk for venous thromboembolism in patients with femur fractures using thrombelastography" (this was also highlighted in UToday on February 3, 2020)

The following six collaborative teams received funding in the McCaig Institute Clinician-Scientist Seed Grant Competition: Kelly Johnston/Richard Ng/Brent Edwards "A novel model of femoroacetabular impingement: assessing the role of femoral version and pelvic tilt in the seated and standing positions"; Brent Edwards/Prism Schneider "Effect of alendronate therapy on bone fatigue properties in ovariectomized rabbits"; Christina Hiscox/Steve Boyd "Nonoperative management of fifth metacarpal neck fractures: impact of angulation on patient reported outcomes"; Ashley Harris/Richard Ng/Sarah Manske "Understanding the discordance between structural damage and pain in knee osteoarthritis by assessing brain neurotransmitter imbalances using MR spectroscopy"; Andrew Dodd/Nigel Shrive "The effect of posterior malleolus fractures on load distribution in the ankle"; and Michael Monument/Antoine Dufour "Defining the tumour-immune microenvironment of STING treated soft tissue sarcomas"

Prism Schneider and her team (which includes Rob Korley and Dan You) on receiving a CIHR Catalyst Grant for their project entitled "Thrombelastography-defined duration of hypercoagulability following pelvis and acetabular fractures"

### Other:

Mike Monument has recently been appointed as the Director of the Office of Surgical Research in the Department of Surgery

Kevin Hildebrand and Rick Buckley are on the COF's 2018-2019 Board as Directors; and Rick Ruckley is also the Chair of the COF's Research Committee

Nick Mohtadi, Dana Hunter, Denise Chan and the Sport Medicine Centre team were featured in the McCaig Institute's Winter 2019-20 Research in Motion Newsletter regarding their RCT investigating ACL reconstruction for youth at high risk of knee injury

### Some recent publications:

Total hip arthroplasty or hemiarthroplasty for hip fracture (The HEALTH Investigators\*), University of Calgary investigators included: Drs. Buckley, Korley, Duffy, Puloski, Batuyong, Martin, MacKenzie, Werle, Johnston, White, Clark, Abelseh, Hunt, LeBlanc, and Schneider, and Ms. Carcary, Murphy, Lorenzo, Harrison, Schultz, Yee, Samuel, and Mahdavi and Mr. McKercher and Akbari <https://www.nejm.org/doi/full/10.1056/NEJMoa1906190>

Sanders D, Schneider P, Taylor M, Tiezer C, Abdel-Rahman L: Improved reduction of the tibiofibular syndesmosis with tightrope compared with screw fixation: Results of a randomized controlled study. J Orthop Trauma 33(1):531-537, 2019 November doi:10.1097/BOT.0000000000001559

The HIP ATTACK Investigators (17 countries) (including the South Campus Research Unit for Bone and Soft Tissue – SCRUBS): Accelerated surgery versus standard care in hip fractures (HIP ATTACK): An international, randomized, controlled trial. The Lancet. Published online February 9, 2020 [https://doi.org/10.1016/S0140-6736\(20\)30058-1](https://doi.org/10.1016/S0140-6736(20)30058-1)

Residents hanging out with Santa at the December 8<sup>th</sup> Brunch!



Geoff Cragg Ski Day  
February 27, 2020



As the out-going Course 2 Chair, Peter Lewkonja participated in the Cumming School of Medicine's First-Year's shave their lids for kids (Kids Cancer Care) fund raiser. Although he didn't shave his head – he did take a pie in the face for this cause!

For our faculty and past and current residents, the celebration of **50 Years of Calgary Orthopaedic Surgery Residency is fast approaching – July 3-4, 2020!!** On-line registration is now available (check your emails to register). The general schedule is: Friday July 3 a Welcome Reception in the evening at the Cumming School of Medicine; Saturday July 4 will be our Symposium in the morning at the Cumming School of Medicine, and then a dinner at Hotel Arts in the later afternoon and the evening! We hope that all of you will be able to attend.

Also a reminder for those that were former residents in the program or are current residents, please submit your memory page to Judy Crawford at [acortho@ucalgary.ca](mailto:acortho@ucalgary.ca) as soon as possible.

For more details, or if you have any questions, contact Judy Crawford at [acortho@ucalgary.ca](mailto:acortho@ucalgary.ca) or by phone at 403-220-4554.

Please contact Judy Crawford at [acortho@ucalgary.ca](mailto:acortho@ucalgary.ca) if you have submissions or ideas for contents for future newsletters!