



Let us *Move You!*  
Notre vie n'est que *mouvement!*

# Ottawa Orthopaedics Quarterly

From the Desk of the Chief

Vol 4 No. 1

August 2018

It is with great sadness that in May one of the pillars of our Division, Dr. Garth Johnson, passed away after a very brief illness. His dedication to the “TEAM” and his expertise in spine and trauma surgery has inspired countless residents and staff and will always continue to live on. In addition, one of our illustrious alumni, Dr Gordon Armstrong, passed away at the age of 95.



Despite the end of the academic year and summer slowdowns/vacations, the Division of Orthopaedic Surgery keeps on moving forward. First congratulations to our graduating class of residents for successful completion of their Royal College Exams. Good luck to **Drs. Paul Jamieson, Andrew Bodrogi, Caleb Netting, Bogdan Matache and Andrew Stewart** in their Orthopaedic careers.

Our **ConEHR platform** for CQI is now live with all eight Clinical Practice Units (Spine, Orthopaedic Oncology, Foot & Ankle, Hand & Wrist, Knee Preservation & Sports Medicine, Adult Reconstruction, Hip Preservation and Upper Extremity) tested and rolled out. This is a first in Canada with each condition having dedicated PROMs combined with a validated adverse event reporting tool and risk adjustment.

Our academic productivity and recognition as experts at the national level was evident at the last Canadian Orthopaedic Association meeting with over 30 podium and poster presentations spanning open papers, posters and ICL sessions.

*Félicitations à tous pour vos efforts continus!*

Paul E. Beaulé MD FRCS  
Head, Division of Orthopaedic Surgery  
University of Ottawa  
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## DIVISION NEWS

**ORTHOPAEDIC SURGERY PATIENT SAFETY AND CQI TEAM AWARDED THE OTTAWA HOSPITAL EXCELLENCE AWARD FOR THE PATIENT EXPERIENCE CATEGORY.**



Left to right: Dr. Paul Beaulé, Debra Bournes, Dakota Warkentin, Natasha Bélanger-Willoughby, Renée Légaré, Dr. Lisa Lovse, Micheline Goetz, Jackie Mace, Dr. Kathleen Gartke, Darren Roffey PhD, Johanna Dobransky, Stéphane Poitras PhD, Johanne Samson, Dr. Jack Kitts, Dr. Steve Papp

**CANADIAN ORTHOPAEDIC RESEARCH SOCIETY (CORS) ANNUAL MEETING, VICTORIA, BRITISH COLUMBIA  
JUNE 21, 2018**

Our Division was well represented at the CORS annual meeting!



*From left to right: Dr. David Hunter from Sydney, Australia (MacNab lecturer), Dr. Paul Beaulé, David Wilson PhD (UBC), Dr. Hesham Abdelbary and Fackson Mwale PhD (McGill University)*

**CANADIAN ORTHOPAEDIC ASSOCIATION ANNUAL MEETING, VICTORIA, BRITISH COLUMBIA  
JUNE 21-23, 2018**

Congratulations to **Dr. Paul Beaulé and Stéphane Poitras, PhD** for receiving the Carroll Laurin Award: *Efficacy of a non-surgical protocol for patients with symptomatic femoro-acetabular impingement: randomized control trial.*



*Dr. Cecil Rorabeck and Dr. Paul Beaulé*

***Dr. Neil Manson from Saint John, New Brunswick joins our Orthopaedic Spine Surgery Team to perform a case of “Oblique Lateral Interbody Fusion”***

The Spine team executed three cases of minimally invasive surgery and are starting to implement this procedure at The Ottawa Hospital.



*Left to right: Scrub nurse Jess, Drs. Philippe Phan, Alexandra Stratton, Abdulkarim Al-Rabie (fellow), Neil Manson and Andrew Adamczyk*

***REGAIN TRIAL INVESTIGATORS MEETING, PHILADELPHIA, PENNSYLVANIA  
JUNE 28-29, 2018***

***Dr. Brad Meulenkamp and Nicole Harris, Clinical Research Coordinator***, attended an international research meeting to discuss the ongoing REGAIN study. This is the largest study ever done to look at anaesthetic options in hip fracture care. Dr. Meulenkamp and Ms. Harris were invited to sit on a panel to discuss enrolment success at The Ottawa Hospital as a high recruitment site.



***Dr. Brad Meulenkamp and Nicole Harris***



## **POSTERS OF SPINE IMPLANT COSTS IN ALL OPERATING ROOMS AT THE CIVIC CAMPUS**

**Dr. Eugene Wai** spearheaded a campaign to help promote value-based decision-making by surgeons and improve surgeon cost awareness of different spine implants.



*Dr. Alexandra Stratton and Eugene Wai*

## **FRANCE MEETING A SUCCESS!**

The inaugural meeting of "Current Trends in Orthopaedics" was held in the Loire Valley, France May 20-26, 2018. The meeting combined academic lectures with biking and hiking throughout the beautiful wine country of the Loire Valley. The course was developed and organized by Dr. Paul Kim and in attendance were many current and alumni members from the Division of Orthopaedics. Stay tuned for future meeting updates.



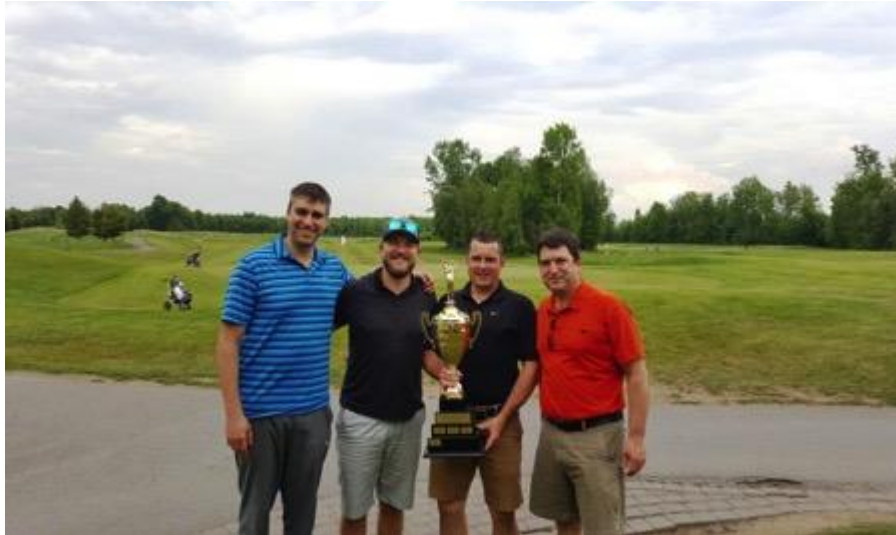
*Left to right: Drs. Paul and Jasmine Matthew, Drs. Paul and Jarmila Kim, Anny Lemire and Dr. J Pollock*



*Course participants enjoy biking in the beautiful Loire Valley*

## 5<sup>TH</sup> ANNUAL OTTAWA ORTHOPAEDIC OPEN GOLF TOURNAMENT

On June 1, 2018, surgeons, residents, support staff and industry representatives took part in the 5th Annual Ottawa Orthopaedic Open Golf Tournament. This year's tournament was held at GreyHawk Golf Club and sponsored by ConMed Linvatec, Zimmer Biomet, Tribe Medical and Ossur. The winning team, Drs. Alenko Sakanovic, Andrew Stewart, Matt MacEwan and Karl-André Lalonde, won the trophy with a dramatic putt for eagle on the 18<sup>th</sup> hole. Dr. Matt MacEwan also received the Chief's Award for winning the *Closest to the Pin* and *Longest Drive* competitions. Congratulations to the winners and thank you to all of the participants and sponsors for making this year's tournament the most successful yet!



Left to right: Drs. Alenko Sakanovic, Andrew Stewart, Matt MacEwan, Karl-André Lalonde

### **THE SURGICAL EXPLORATION AND DISCOVERY (SEAD) PROGRAM AND ITS ORTHOPAEDIC EXPOSURE WAS ONCE AGAIN A GREAT SUCCESS THIS YEAR!**

Feedback from students was universally positive. Significant thanks to everyone involved with the program for their help in supporting students in the OR and clinics, and very special thanks to Orthopaedic residents Shay Seth, Mohammed Ameen, and Olivier Gauthier-Kwan, as well as Natasha Davis from the Civic plaster clinic, and of course our great industry partners Marc Pilon with Dupuy Synthes and Kevin McCleery from BSN, for their help in facilitating the half day of Orthopaedic skills exposure and training.

The SEAD program is a two-week summer intensive educational program designed to expose medical students to the breadth and depth of surgical practice and to assist in their career decision-making. It includes mornings of rotating OR observerships, lunchtime career presentations, and afternoon surgical skill development through simulation training.

## PUBLICATIONS

1: McIsaac DI, Taljaard M, Bryson GL, Beaulé PE, Gagné S, Hamilton G, Hladkovicz E, Huang A, Joannis JA, Lavallée LT, MacDonald D, Moloo H, Thavorn K, van Walraven C, Yang H, Forster AJ.

### **Frailty as a Predictor of Death or New Disability After Surgery: A Prospective Cohort Study.**

Ann Surg. 2018 Jul 24. doi:10.1097/SLA.0000000000002967. [Epub ahead of print] PubMed PMID: 30048320.

2: Catelli DS, Kowalski E, Beaulé PE, Smit K, Lamontagne M.

### **Asymptomatic Participants with a Femoroacetabular Deformity Demonstrate Stronger Hip Extensors and Greater Pelvis Mobility During the Deep Squat Task.**

Orthop J Sports Med. 2018 Jul 17;6(7):2325967118782484. doi: 10.1177/2325967118782484..

3: Carli AV, Poitras S, Clohisy JC, Beaulé PE.

### **Variation in Use of Postoperative Precautions and Equipment Following Total Hip Arthroplasty: A Survey of the AAHKS and CAS Membership.**

J Arthroplasty. 2018 Jun 6. pii: S0883-5403(18)30527-8. doi: 10.1016/j.arth.2018.05.043. [Epub ahead of print] PubMed PMID: 29958753.

4: Ibrahim MM, Poitras S, Bunting AC, Sandoval E, Beaulé PE.

**Does acetabular coverage influence the clinical outcome of arthroscopically treated cam-type femoroacetabular impingement (FAI)?**

Bone Joint J. 2018 Jul;100-B(7):831-838. doi: 10.1302/0301-620X.100B7.BJ-2017-1340.R2. PubMed PMID: 29954207.

5: Richards M, Al-Youssef H, Kim JK, Poitras S, Penning J, Beaulé PE.

**An Evaluation of the Safety and Effectiveness of Total Hip Arthroplasty as an Outpatient Procedure: A Matched-Cohort Analysis.**

J Arthroplasty. 2018 May 31. pii: S0883-5403(18)30520-5. doi: 10.1016/j.arth.2018.05.036. [Epub ahead of print] PubMed PMID: 29914820.

6: Dowding C, Dobransky JS, Kim PR, Beaulé PE.

**Metal on Metal Hip Resurfacing in Patients 45 Years of Age and Younger at Minimum 5-Year Follow-Up.**

J Arthroplasty. 2018 Jun 1. pii: S0883-5403(18)30525-4. doi: 10.1016/j.arth.2018.05.041. [Epub ahead of print] PubMed PMID: 29914818.

7: Grammatopoulos G, Beaulé PE, Pascual-Garrido C, Nepple JJ; ANCHOR Group, Clohisy JC.

**Does Severity of Acetabular Dysplasia Influence Clinical Outcomes After Periacetabular Osteotomy?—A Case-Control Study.**

J Arthroplasty. 2018 Jul;33(7S):S66-S70. doi: 10.1016/j.arth.2018.03.028. Epub 2018 Mar 17. PubMed PMID: 29724578.

8: Ng KCG, Lamontagne M, Jeffers JRT, Grammatopoulos G, Beaulé PE.

**Anatomic Predictors of Sagittal Hip and Pelvic Motions in Patients with a Cam Deformity.**

Am J Sports Med. 2018 May;46(6):1331-1342. doi: 10.1177/0363546518755150. Epub 2018 Mar 8. PubMed PMID: 29517923.

9: Gauthier-Kwan OY, Dobransky JS, Dervin GF.

**Quality of Recovery, Postdischarge Hospital Utilization, and 2-Year Functional Outcomes After an Outpatient Total Knee Arthroplasty Program.**

J Arthroplasty. 2018 Jul;33(7):2159-2164.e1. doi:10.1016/j.arth.2018.01.058. Epub 2018 Feb 5. PubMed PMID: 29506929.

10: Kandel RA, Yau X, Dickson BC, Ghert M, Popovic S, Burgina BM, Verma S, Werier J.

**Molecular analyses in the diagnosis and prediction of prognosis in non-GIST soft tissue sarcomas: A systematic review and meta-analysis.**

Cancer Treat Rev. 2018 May;66:74-81. doi:10.1016/j.ctrv.2018.04.005. Epub 2018 Apr 22.

11: Taha M, Abdelbary H, Ross FP, Carli AV.

**New Innovations in the Treatment of PJI and Biofilms—Clinical and Preclinical Topics.**

Curr Rev Musculoskelet Med. 2018 Jun 20. doi: 10.1007/s12178-018-9500-5. [Epub ahead of print] Review. PubMed PMID: 29926287.

12: Sprague S, Schemitsch EH, Swiontkowski M, Della Rocca GJ, Jeray JK, Liew S, Slobogean GP, Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M; FAITH Investigators.

**Factors associated with revision surgery after internal fixation of hip fractures.** J Orthop Trauma. 2018 May;32(5):223-230. doi: 10.1097/BOT.0000000000001162.

13: Stratton A, Faris P, Thomas K.

**The Prognostic Accuracy of Suggested Predictors of Failure of Medical Management in Patients with Nontuberculous Spinal Epidural Abscess.**

Global Spine J. 2018 May;8(3):279-285. doi: 10.1177/2192568217719437. Epub 2017 Jul 20. PubMed PMID: 29796377; PubMed Central PMCID: PMC5958485.

## CLINICAL NEWS

### **COMING TO AN ORTHOPAEDIC INPATIENT UNIT NEAR YOU!**

Centrally wall mounted televisions on 6NE at the General campus and E5 at the Civic campus where Orthopaedics will be able to post information, education and updates.



## FACULTY NEWS

### **VISITING PROFESSORS**

**Dr. Steve Papp**, Visiting Professor at MacOrtho (McMaster University) on May 9, 2018

The theme of the day was "Every Journey Begins with a Single Step". Discussion on a successful career in Orthopaedic Surgery.



*Dr. Steve Papp (second from left)*



**Dr. Paul E. Beaulé**, F.P. Patterson lecturer for the UBC Orthopaedic Update May 2-4, 2018



*From left to right: Drs. Judy Baumhauer (University of Rochester), Paul E. Beaulé, Mike Moran, Andrea Veljkovic and Bas Masri*

#### **McMASTER YOUNG ADULT HIP PRESERVATION COURSE**

**Dr. Paul Beaulé and Dr. Sasha Carsen** were invited speakers at the Mac hip preservation course on May 26, 2018.



*Dr. Paul Beaulé (third from left) and Dr. Sasha Carsen (third from right)*



Congratulations to ***Drs. Nayla Gosselin-Papadopoulos and Simon Corriveau-Durand*** upon completion of their Foot and Ankle fellowship within our Division. Throughout their year with us, they have been keen to refine their surgical skills, have provided exemplary care to our shared patients and have been inspirational teachers and role models for our residents. Thank you to both of them for an outstanding year and best of luck in their new careers: Nayla is starting an orthopaedic practice in Gatineau this month while Simon will return to Laval University in Quebec City in January after completing a further six-month Hand and Wrist fellowship with Dr. Gammon.



*From left to right: Drs. Mark Steeves, Karl-André Lalonde, Nayla Gosselin-Papadopoulos, Simon Corriveau-Durand, Brad Meulenkamp*

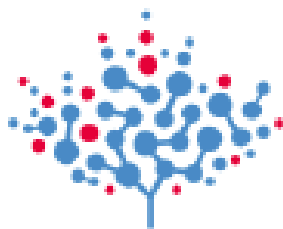
### ***\$50,000 TRANSLATIONAL RESEARCH GRANT from Faculty of Medicine***

Congratulations to ***Drs. Hesham Abdelbary and Carolina Ilkow***, recipients of a translational research grant from the University of Ottawa

*"A tailored antimicrobial strategy for prosthetic joint infections caused by Staphylococcus aureus biofilm: combining the powers of bacteriophages and antibiotics"*

### ***Paul E. Beaulé MD, FRCSC - 51<sup>st</sup> President of the Canadian Orthopaedic Research Society.***

Dr. Beaulé is the fourth CORS President from the University of Ottawa, with Drs. Robichon, Uhthoff and Letts serving as former CORS presidents.



**SOCIÉTÉ DE RECHERCHE  
ORTHOPÉDIQUE DU CANADA**

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**CANADIAN ORTHOPAEDIC  
RESEARCH SOCIETY**

## RESEARCH NEWS

Congratulations to **Cheryl Kreviazuk**, who was recently promoted to the Clinical Research Coordinator position for the hip preservation and adult reconstruction units. Cheryl will be coordinating a multitude of single and multicenter trials.



Congratulations to **Jung-Kyong (JK) Kim**, who was recently promoted to the Clinical Research Associate position for the CQI portfolio. JK will be managing ConEHR and the team of volunteers.



## RESIDENT NEWS

### ***A WORD FROM OUR PROGRAM DIRECTOR, DR. KARL-ANDRÉ LALONDE***

Our new group of PGY1 residents was welcomed to the residency program with a BBQ hosted by Brendan Swift on June 28th. Please join me in welcoming (from L to R) Zoe Rubin (Université de Montréal), Brian Chen (University of Ottawa), William Hadden (Sydney, Australia), Luke Beaton (McGill University), (myself), Abdullah AlDuwaisan (Kuwait) and Andrew Caines (Memorial University).



**... AND FROM OUR JUNIOR CHIEF, DR. ALEXANDRA BUNTING**

Congratulations to all residents who presented at the Canadian Orthopaedic Association annual meeting in Victoria, BC! Great job to everyone on showcasing Ottawa Ortho research!

Drs. Marien and Bunting went to the American Orthopaedic Association Resident Leadership Forum in Boston. They found that a lot of the themes that our program strives to improve upon are reflected by those programs in the USA as well. They have some great suggestions and will be sharing them with the resident body and Resident Training Committee in September.

## ALUMNI NEWS

### IN MEMORIAM



**Garth E. Johnson, MD FRCSC  
1942-2018**

*This is very sad news. Dr. Johnson was an incredible mentor, teacher, physician, and friend. He was one of my biggest advocates towards a career in Orthopaedic Spine Surgery. Rarely does a week go by that I do not encounter a patient in North Western Ontario that had been assessed or operated on by Dr. Johnson, all of whom have only positive comments to pass along. He will truly be missed.*

**Dr. Travis Marion**

*Dear Paul, and members of the orthopaedic community in Ottawa.*

*I'm deeply saddened to hear of the loss of Garth Johnson. Life's not fair sometimes.*

*You may know that he was my idol, and pretty much the sole reason I'm a spine surgeon today. He once told me I was the most timid and scared trainee he had ever seen, but despite that, took on the challenge of teaching me. I owe my professional life to Garth.*

*I always regretted not coming back to Ottawa to work with him and show him what I'd learned when away. However, I really wanted the basic science research training and Calgary was the only place I could do so.*

*To me, the fact that his children became surgeons indicates that he was as positive, erudite and jovial at home, as he was in his profession. That is likely his greatest achievement, and what we all hope to achieve in life.*

*Please accept our sincere condolences. Ganesh & Roisin (Dr. Ganesh Swamy)*

*Shocked about this sad news. I knew him personally, he was a kind and gentle man. He will be missed.*

***Dr. Vinod Agarwala***

*My deepest condolences to the Johnson family and my greatest appreciation for Dr. Johnson who impacted me as a mentor, a surgeon, and, by far most importantly, as a person.*

***Dr. Dimitri Haddad***



***Gordon W. D. Armstrong C.M., MD, FRCSC  
1923-2018***

One of our esteemed alumni, ***Dr. Gordon Armstrong***, passed away on June 24 2018. Dr. Armstrong achieved international status through his innovative research and clinical care in Spine Surgery which was recognized by the Order of Canada as well as the Chinese Academy of Medicine Sciences. Former Chief of Orthopaedics at the Ottawa Civic Hospital, President of the Scoliosis Research Society and Canadian Orthopaedic Association, he was a true pioneer in making our Program world renowned.

***THANK YOU ALUMNI FOR YOUR CONTINUED SUPPORT: OVER \$150,000.00 RAISED SO FAR!***

The graphic features a stylized tree with red leaves on the left. A large thermometer is positioned vertically, with the text "WE'VE REACHED 80% OF OUR GOAL: \$1000,000" next to it. Below the thermometer, it says "UNIVERSITY OF OTTAWA ORTHOPAEDIC SURGERY FUNDRAISING EVENT". To the right, a blue box contains the text "What does this mean?". Below this is an illustration of a person sitting in a chair, with a tree of red leaves above them. Another blue box below that says "Ask your healthcare provider." and "Fiscal. Future. Forever." with a small logo.

***ALUMNI PLEASE SEND US YOUR NEWS!***