



First National Shoulder/Elbow Course in Calgary

February 1-3, 2017

Dr. Aaron Bois and our Ortho Academic Office recently hosted the CSES course for R4 & R5s involving 36 preceptors and two days of hands on simulation in the ATSSL.

Ortho Holiday Brunch 2016

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ORTHOPAEDIC

ACADEMIC OFFICE

NEWSLETTER

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Visiting Professor Dr. Wirth from San Antonio

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Dr. Ryan Martin in the News

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More Academic Success

A FEW
WORDS FROM
OUR
EDUCATION
PORTFOLIO
DIRECTOR



"The OsteoBLAST" is our opportunity to showcase the incredible work being done in our Section. We hope this edition brings a smile to your face, as we reflect on the last 6 months. With the support of our energetic team in the academic office, much has been accomplished. Thank you for sharing all of your successes. There was so much content that we've had to extend the newsletter to 11 pages for this edition! Together we continue to create and support a strong and vibrant academic community in Orthopaedics. We welcome your ideas and feedback.

Dr. Carol Hutchison

Remembering our resident Geoff Cragg

It has been 25 years since the murder of one of our Calgary Orthopaedic Residents, Dr. Geoff Cragg. We celebrate his memory with the Annual Geoff Cragg Resident Ski Day—this year it was March 2, 2017.

<http://www.calgarysun.com/2014/08/21/day-parole-for-doctors-killer-looms--notorious-calgary-killer-sheldon-thane-klatt-eligible-to-apply-for-more-freedom?token=413256b996445efd1586a9aea76afc57#.WLRuuQCkgwR.link>



Congratulations...



Dr. Ganesh Swamy - successfully defended his PhD Thesis in March 2017 entitled, "Intervertebral disc inflammation: The effect of IL-1Ra deficiency on development, aging and injury of the murine caudal intervertebral disc".



Orthopaedic Academic Office: for successfully acquiring a 2017 McCaig Institute Distinguished Speaker Award (\$3,000). Many thanks to Sue and Nicole for their great work on the application. Dr. Kates from Virginia will be the visiting professor May 2-5, 2017.



Dr. Marcia Clark - 2016 Canadian Association for Medical Education Certificate of Merit. She was also recognized at the Cumming School of Medicine Celebrations of Excellence Feb. 15/17.

UME Faculty Appreciation Night Feb. 7, 2017

Course 2: Dr. Carol Hutchison and Dr. Peter Lewkonja

Kids' Choice Awards (as the class of 2018 are Goats): Dr. Carol Hutchison, for starring in the most inspirational medical video of all time!

Jersey Awards: Dr. Hutchison for Course 2, and the name on the back of the hockey jersey as determined by the students was "Totally Hip"

Honour Roll: Dr. Rick Buckley, Dr. Cory Cundal, Dr. Stephen French, Dr. Christina Hiscox, Dr. Jeremy LaMothe, Dr. Justin LeBlanc, Dr. Mike Monument, Dr. Ken Thomas, Dr. Neil White

13 AWARDS for ORTHOPAEDIC FACULTY!



Dr. Carol Hutchison - 2016 Three UME awards for outstanding teaching (see details in column to the right).



Dr. Marlis Sabo - 2016 CORL research grant, more details on page 6.



R3 Jeremy Kubik - 2017 COFAS Resident Scholarship Award.



R5 Jessica Page on being the recipient of the Dr. Martin T. Spoor Memorial Award for her commitment to providing the best patient care and mentoring of students and other residents. The candidate must show exceptional compassion and be thoughtful and enthusiastic about his/her work.

Faculty and Residents having fun at the Orthopaedic Holiday Brunch December 11, 2016



SAVE THE DATE for next year - Sunday December 10, 2017

Education Portfolio

Academic Events and Updates



Another full arthroscopy simulation session with 8 cadaveric knees and shoulders as well as 4 ankles (guest joint), all 22 residents, 5 preceptors and 3 industry reps was held on December 22, 2016 in the ATSSL. Thank you to **Drs. Timmermann, Longino, LeBlanc, Batuyong and Werle**. On February 16, 2017 **Drs. LeBlanc and Sabo** led a shoulder arthroplasty session with sawbones for each of our 22 residents in the med skills centre. The third large group simulation session for all residents was held on March 9, 2017 involving cadaveric knees, shoulders, and the guest joint was hand/wrist. Many thanks to preceptors **Drs. LeBlanc, Dhaliwal, French, Brauer and Lo**. An extra thank you to the ATSSL and Anatomy for helping to make it all possible. Evaluations from residents were outstanding for all 3 of these simulation sessions.

WELCOME to our new orthopaedic residents starting July 2017:

Taryn Ludwig (University of Calgary)

Murray Wong (Western University)

Jennifer Purnell (University of British Columbia)

Michael James (Washington University School of Medicine in St. Louis)

FACULTY, BE SURE TO JOIN US JUNE 29, 2017 FOR THE YEAR END BBQ to SAY FAIRWELL TO OUR R5s and MEET THE INCOMING R1s.



HARVARD
MEDICAL SCHOOL



THE NEW ENGLAND
JOURNAL of MEDICINE

Advanced Teaching Skills

June 2-3, 2017
Hilton Back Bay Hotel
Boston, Massachusetts

Included is a Tour and
NEJM Reception
from 5:00-7:00 PM
on Friday Evening!

OFFERED BY

Brigham and Women's Hospital, Department of Medicine, Division of Medical Communications

COURSE DIRECTORS

Helen M. Shields, M.D., Thomas De Long, Ph.D., Jeffrey M. Drazen, M.D.

Three of our orthopaedic faculty will be participating in this educational course. Funding to support their travel and registration will come from an education grant that we were successful acquiring for 2016-17. There is still funding available to support additional faculty. Please contact acortho@ucalgary.ca if you are interested.



National Shoulder/Elbow Simulation Course was hosted in Calgary for the First Time February 1-3, 2017 and was a Huge Success!

Congratulations to Dr. Aaron Bois and our Academic Office - particularly Stephanie Abt, for their outstanding planning and execution of this accredited simulation program (Section 3). There were over 90 participants including faculty and residents from across Canada as well as sponsorship from 12 industry partners. Guest faculty included Dr. Michael Wirth from San Antonio and Dr. Leesa Galatz from New York.



Mentorship Café

An informal opportunity for a trainee to connect with a preceptor of their choice who they may not otherwise have the chance to glean knowledge and guidance about career development from.

For this edition, R2 Jon Bourget-Murray interviewed new faculty member Dr. Nick Desy:



Q1: heard through the grapevine that your hiring was largely influenced by the fact that the University wanted to hire your wife (Dr. Janeve Desy) as a General Internist (Joke)! What are your thoughts on the opportunity of returning to Calgary and work as an Arthroplasty/Trauma surgeon at the Rockyview General Hospital?

A1: Well, you're absolutely correct that my wife is far superior than I am, and a lot smarter than me, so it's definitely not surprising that she was highly recruited to return to Calgary and I was just along for the ride – which I am very happy to do. But in all seriousness, I am very, very, excited to be back in Calgary and to be a part of the University of Calgary, Section of Orthopaedic Surgery. I love Calgary as a city, and I truly enjoy working with the faculty here. Everyone has been extremely welcoming.

Q2: Does it ever become useful to have your wife on speed dial for medical queries?

A2: Absolutely it is! I have called her many times over the past several years for things like high blood pressure, difficulty breathing, asystole (!)... So yes!

Q3: Seriously, both you and Janeve are working hard as you are starting your practice, what advice would you have for residents on time-management and the importance in finding time for your loved ones?

A3: That is a great question, and one that is often not discussed enough, I think. Certainly it is a challenge for any health care professional to make time for family, but I feel it to be extremely important to set dedicated time to spend time with your significant other and/or child, as those are the people who are going to be there for you for your life. It just takes good time management and the ability to sit down as a team and come up with a plan when you can both be together.

Q4: You completed your residency at McGill University, followed by a trauma fellowship here in Calgary. Who do you honestly cheer for; Montreal Canadians or Calgary Flames?

A4: Hahaha, it can go without saying that I am a die-hard Habs fan for life! The Montreal Canadians are the best team in all of professional sports. But I will say that I cheer for the Calgary Flames as my second favorite hockey team – until they play the Canadians! It's great that they are in different conferences.

Q5: From one Frenchman to the other, how bad do you miss Quebec poutine?

A5: I must say I miss Quebec poutine quite a lot, and there are other things I miss, which include their fantastic smoked meat and the various restaurants that Montreal has to offer. I will say that Calgary has a lot of great restaurants which I have started to explore.

Q6: How different have you found practicing orthopaedics in Calgary versus in La Belle Province?

A6: There are some differences. I certainly feel very honored to be part of the orthopedic groups in both provinces, as I was privy to great training in Montreal, but I will say I find the organization of healthcare in Calgary (and Alberta as a whole) to be excellent. I also find there is a strong sense of collegiality amongst the orthopedic surgeons in Alberta.

Q7: Having recently graduated from residency and completed your first fellowship here in Trauma and then in Arthroplasty at the Mayo Clinic, do you have any advice for residents on going about in choosing a fellowship?

A7: Yes, absolutely, I think it starts by identifying what subspecialty in orthopedics that you're interested in, and then, once that's been identified, just trying to seek out other programs that would fit your learning characteristics in a city that fits your personality. All these are as important as the other. All this comes by talking to people, whether that would be with attendings at these other Universities or previous fellows and residents that can help you get insight on those specific programs.

Mentorship Café Continued...

Q8: As a new clinical preceptor, what are some of the benefits of having residents on your service? Are there any challenges that you may have encountered?

A8: I have always aspired to become an academic surgeon where I'd have the benefit of working with med students and residents. The reason for that is I really love teaching and have always hoped to be a part of education in an academic program. It also doesn't hurt that students and residents can also help with various aspects of surgical cases and with some of the daily work that comes as part of the job. In terms of challenges, certainly working with trainees is a challenge in that it is extremely important to mentor the trainee(s). It is a challenge I take great pride in and find to be very fun!

Q9: I know you've been quite busy between raising Ethan, your two year-old superhero, and finding a new home. However, when it comes time to participate in resident education and research, what do you have your eyes set on? Any specific areas of research you may be inclined on focusing on?

A9: In terms of education, I'm really interested in being part of the arthroplasty residency and fellowship programs as well as having medical students to educate as well. In regards to research, I'm certainly interested in two aspects of research, (1) starting randomized controlled trials here in Calgary and (2) starting research projects utilizing the Alberta Bone & Joint Health Institute. I aspire to contribute to the ongoing Orthopedic trauma research projects within Calgary, and also multicenter projects that are Canada wide.

Q10: Mentorship is a valuable part of surgical training, how has mentorship influenced you during your training? Do you recall anyone specifically you has acted as a mentor to you?

A10: I absolutely agree that mentorship is extremely important throughout residency training, and I've been blessed to have had many extraordinary mentors throughout my training some of which when I was a resident, then as a fellow and even now as I start my career as an attending. In terms of specific mentors, some who have been extremely important for me have included Dr. Robert Spinner from the Mayo Clinic as well as Drs. Ed Harvey and John Antonio from McGill University. And then I was lucky enough to have trained here in Calgary at the Foothills Medical Center with the orthopaedic trauma group and then with the hip and knee arthroplasty surgeons at the Mayo Clinic, all of whom have had a lasting impact on me. I continue to use principles that I have learned from each and every one of them as I start my career. I also can't say enough how grateful I am to my parents, my siblings, many of aunts and uncles as well as Janeve and her family – all of whom who have helped and supported me to allow me to reach my goals.

Q11: Aside from the "Desy Unit" which is having your cautery set at 80/80, are there any other idiosyncrasies you may have? Entertain me!

A11: I certainly love the 80/80 on the cautery, it's actually almost like a lightsaber. Hmm... So besides that, I do have one thing I can mention that does seem crazy in my opinion but at least I have some insight into my own OCD and it has to do with the way I wear my scrubs; every morning I must have the seam pointed inwards and I cannot accept wearing the seam backwards! It's a bit of a superstition and a small bit of my OCD personality I guess.

Q12: If you weren't going to be an Orthopaedic Surgeon, what would be your dream job?

A12: What I can say is I feel very lucky to be an orthopedic surgeon and I love every aspect of it (except maybe dictating). But if I were not able to be an orthopaedic surgeon or if I unfortunately had to do something else, I guess I'd say a professional athlete – and at this point I think golf would be the sport I would choose, (A) because it is a lot of fun, (B) it's very challenging and requires a lot of skill and concentration and (C) you can play for a long period of time.

- February 2017, Rockyview General Hospital

Dr. Buckley represented Calgary Orthopaedics well on his international adventures!

Our Ortho Team OUT AND ABOUT



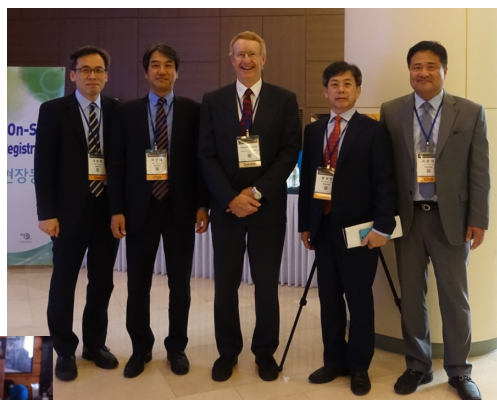
Dr. Buckley at the AO Foot & Ankle Course
2016 Guangzhou China



Dr. Buckley at AO Masters Course Taiwan Nov. 11-13, 2016



AO Masters Course Chennai India 2016



Korean Fracture Society Meeting 2016



R4 Denis Joly and R4 from Dalhousie
(UC Med Grad) at AO Advanced
Trauma Course, Phoenix—Nov. 2016



Whitefish Ski Trip February 2017— R5 Ed Schwartzberger, R3 Alex
Meldrum, R4 Denis Joly, R3 Jeremy Kubik, Dr. Buckley and friends.



R5s at Lake Louise for Resident Ski Day March 2, 2017.



R4 Denis Joly along with Dr. Powell and several
orthopaedic nurses on a medical mission in
Ecuador from February 22-March 5, 2017.



Resident vs.
Faculty Annual
Spencer McLean
Memorial
Hockey Game,
March 30, 2017.

SEND IN YOUR
PHOTOS FOR THE
NEXT NEWSLETTER !



Congratulations to Dr. Marlis Sabo on receiving a 2016 Canadian Orthopaedic Research Legacy (CORL) grant for her proposal entitled "Intersection of Catastrophizing, Mood Disorders, and Gender in Rotator Cuff Surgical Patients". (Awarded in February 2017)

19th ANNUAL GLEN EDWARDS DAY

“The Painful Knee”

An approach to the diagnosis, investigation, and management of knee disorders in the primary care setting.

Learning Objectives:

- Evaluate an acutely injured knee through patient history review and physical examination
- Diagnose common causes of acute and chronic knee disorders
- Determine which investigations to order and when to do so
- Define appropriate treatment algorithms in the acute and chronic painful knee
- Outline when it is necessary to refer a patient to a specialist

Date: May 19th, 2017

Location: U of C, Foothills Campus

Target Audience: Family Medicine, Emergency Medicine, Physiotherapy, Nurse Practitioners



Hosted by the University of Calgary, Cumming School of Medicine, Section of Orthopaedic Surgery, Division of Sports Medicine Knee



Dr. Stephen Kates

From Richmond, VA will be the Visiting Professor for the 2017 Fellows' Research Symposium May 3rd and Resident Research Day May 4th.

Online registration is now open: <http://cumming.ucalgary.ca/cme/event/2017-05-19/glen-edwards-day-painful-knee>

Research Portfolio - An update from our directors:



Dr. Paul Salo, Faculty Research Director and

Dr. Marlis Sabo, Resident/ Fellow Research Director



It is with pleasure that we share with you the list of award

recipients from the **Fall 2016 COREF Grant Competition** (listed as Awardee; Grant Amount; Preceptors and/or Co-Applicants; Title of Application):

Damian Clark; \$5,000.00; R. Martin, P. Schneider, T. Marion; Can visualization of the posterior-lateral tibial plateau be improved by optimal positioning of the limb? A cadaveric study of patient positioning for fracture fixation

Shandy Fox; \$1,000.00; G. Swamy; Assessment of spinal navigation clamp stability in spinal deformity

Denis Joly; \$5,000.00; R. Sharma, I. Abdulla; In patients who have undergone unilateral primary total hip and knee arthroplasty, does age influence outcome?

Frank Lyons; \$5,000.00; R. Cho, R. Krawetz; The regenerative potential of epidural fat cells: an in vitro study to examine human cell characteristics and potential

Daniel You; \$5,000.00; P. Schneider; Hypercoagulability in patients with hip fractures as determined by thrombelastography: A prospective pilot study

We congratulate all of the applicants listed above and we thank all who submitted applications through this process.

The award recipients of the Fall 2016 Research Assistant Salary Matching Competition are:

MSK Oncology (Puloski/Monument)

Sport Medicine Knee/Shoulder and Elbow (Bois/Rezansoff)

Award recipients of the Spring 2016 Research Assistant Salary Matching Competition were:

Joint Transplantation Program (Timmerman, Co Applicants: Schachar, Hutchison, Heard, Lo, Krawetz, Matyas)

South Health Campus Hospital (White and Sabo, Co Applicants: Drs. Batuyong, Clark, Hunt, French, Mackenzie, Miller)

PLC Bone and Joint Research (Hildebrand, Co Applicants: Le, LaMothe, Dougall, Longino, Sharma)

Division of Hip and Knee Reconstruction (Johnston, Co Applicants: Abelseh, Batuyong, Burkart, Clark, deSouza, Dongahy, Hutchison, Korley, Kuchinad, MacKenzie, Miller, Monument, 'Brien, Powell, Puloski, Rendall, Sharma, Werle)

Recent Peer-Reviewed Publications

Ono Y, Dávalos Herrera DA, Woodmass JM, Boorman RS, Thornton GM, Lo IKY: Graft augmentation versus bridging for large to massive rotator cuff tears: A systematic review. *Arthroscopy*. 2017 Mar 33(3):673-680.

Ono Y, Dávalos Herrera DA, Woodmass JM, Boorman RS, Thornton GM, Lo IKY: Can grafts provide superior tendon healing and clinical outcomes after rotator cuff repairs?: A meta-analysis. *Orthop J Sports Med*. 2016 Dec 4(12):Article ID 2325967116674191.

Ono Y, Woodmass JM, Nelson AA, Boorman RS, Thornton GM, Lo IKY: Knotless anchors with sutures external to the anchor body may be at risk for suture cutting through osteopenic bone. *Bone Joint Res*. 2016 June 5(6):269-275.

Lemmex DB, Ono Y, Reno CR, Hart DA, Lo IK, Thornton GM: Increased lubricin/proteoglycan 4 gene expression and decreased modulus in medial collateral ligaments following ovariectomy in the adult rabbit: Evidence consistent with aging. *J Bio-mech*. 2016 Feb 49(3):382-387.

Ono Y, Woodmass JM, Bois AJ, Boorman RS, Thornton GM, Lo IKY: Arthroscopic repair of articular surface partial-thickness rotator cuff tears: Transtendon technique versus repair after completion of the tear-a meta-analysis. *Adv Orthop*. 2016:Article ID 7468054.

Kopka M, Monument MJ, Befus AD, Zhang M, Hart DA, Salo PT, Schneider PS, Fan C-Y, Liang X, Garven A, Hildebrand KA: Serum mast cell tryptase as a marker of posttraumatic joint contracture in a rabbit model. *J Orthop Trauma*. 2017 31(3):e86-e89.

Kwong CA, Puloski SKT, Hildebrand KA: Fungal periprosthetic joint infection following total elbow arthroplasty: A case report and review of the literature. *J Medical Case Reports*. 2017 11(20).

Dodd A, Osterhoff G, Guy P, Lefaiivre KA. Assessment of Functional Outcomes after Surgically Managed Acetabular Fractures: A Systematic Review. *Bone Joint J*. 2016;98-B:690-5.

Dodd A, Osterhoff G, Guy P, Lefaiivre KA. Radiographic Measurement of Displacement in Acetabular Fractures: A Systematic Review of the Literature. *J Orthop Trauma*. 2016;30(6):285-293.

Dodd A, Daniels TR. Injectable Recombinant Human Platelet-derived Growth Factor in Collagen Carrier for Hindfoot Fusion. *Foot and Ankle Clinics of NA*. 2016;21(4):777-791.

LaMothe, J., Baxter, J., Murpy, C., Gilbert, S., DeSandis, B, and Drakos, M. Three-Dimensional Analysis of Fibular Motion After Fixation of Syndesmotic Injuries with a Screw or Suture-Button Construct. *Foot Ankle Int*. Dec; 37(12): 1350-1356 (2016)



Next RESIDENT RESEARCH PROJECT DEADLINE

May 31, 2017

For more information, please visit www.oref.org/projectgrant



R2 Jon Bourget-Murray represented Calgary Orthopaedics well at the 17th Annual Scientific Conference of the Canadian Spine Society in Montreal, QC February 22-25, 2017.

Primetime Podium: "Crafting the first spine surgery performance indicator-deriving a benchmark from the Canadian Spine Outcome & Research Network". AUTHORS: Jonathan Bourget-Murray, Michael Yang, Godefroy Hardy St- Pierre

2 Rapid Fire Podiums: "Spine surgery a mari usque ad mare: pre-operative patient metrics across Canada. Authors: Jonathan Bourget-Murray, Godefroy Hardy St-Pierre, Michael Yang, John Hurlbert

"Long term relief of back pain following lumbar total disc replacement: a minimum 5 year follow-up." Authors: Jonathan Bourget-Murray, Godefroy Hardy St-Pierre, Kevin Gurr, Jacques Bouchard



More Peer-Reviewed Publications

Barton, K.I., Shekarforoush, M., Heard, B.J., Sevic, J.L., Vakil, P., Atarod, M., **Martin, C.R.**, Achari, Y., **Hart, D.A.**, **Frank, C.B.** and Shrive, N.G., 2016. Use of pre-clinical surgically induced models to understand biomechanical and biological consequences of PTOA development. *Journal of Orthopaedic Research*.

Gary JL, **Schneider PS**, Galpin M, Radwan Z, Munz JW, Achor TS, Prasarn ML, Cotton BA. Can Thrombelastography Predict Venous Thromboembolic Events in Severe Extremity Trauma? *Journal of Orthopaedic Trauma* 2016, vol 30 (6) 294-8.

Tank JC, **Schneider PS**, Davis E, Galpin M, Prasarn ML, Choo AM, Munz JW, Achor TS, Kellam JF, Gary, JL. Early Mechanical Failures of the Synthes Variable Angle Locking Distal Femur Plate. *Journal of Orthopaedic Trauma* 2016, vol. 30(1) pp. e7–e11.

Prasarn, M. L., Horodyski, M., **Schneider, P. S.**, Pernik, M. N., Gary, J. L., & Rechtine, G. R. (2016). Comparison of skin pressure measurements with the use of pelvic circumferential compression devices on pelvic ring injuries. *Injury*, 47(3), 717-720.

Fan D, Wang W, **Hildebrand KA**, Fan C. Open arthrolysis for elbow stiffness increases carrying angle but has no impact on functional recovery. *BMC Musculoskeletal Disorders* (2016) 17:388 DOI 10.1186/s12891-016-1205-6.

Schneider PS, Johal H, Zhang M, Hart D, Befus A, **Salo P**, Fan C-Y, Liang X, **Hildebrand K**. The Dose Response Effect of Ketotifen Fumarate on Post Traumatic Joint Contractures. *Transactions of the Orthopaedic Research Society*; 41:0221, 2016.

Kopka M, Zhang M, **Schneider PS**, Fan C-Y, Liang X, **Hart DA**, Befus A Dean, Garven A, **Salo P**, **Hildebrand KA**. Human Serum Mast Cell Trypsin Levels in Elbow Fractures and Dislocations. *Transactions of the Orthopaedic Research Society*; 41:1190, 2016.

Schneider PS, Sandman E, Martineau PA, Osteoimmunology: Effects of Standard Orthopaedic Interventions on Inflammatory Response and Early Fracture Healing. *Journal of the American Academy of Orthopaedic Surgeons*. *Manuscript in press*.

FAITH Investigators. Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. *The Lancet*. *In Press*

Buckley R., **Page J**. General Principles of Fracture Care, Medical Diseases. Jan 2016. Available online at <http://emedicine.medscape.com/article/1270717-overview>.

Orthopaedic Traumatology – Editor: Dr. William Obremsky, Dr. Manish Sethi, Calcaneal chapter (**R. Buckley**), Springer, 2016.

Surgical Exposures in Orthopaedics – The Anatomic Approach, Co-Editors: Dr. Stanley Hoppenfeld, Dr. Piet deBoer, **Dr. Richard Buckley** 5th ed., 2016

Dr. Sharma and his research team have new projects underway...

1. COREF 2016 Fall Grant recipient.

Denis Joly; R. Sharma, I. Abdulla; "In patients who have undergone unilateral primary total hip and knee arthroplasty, does age influence outcome?" (\$5000)

2. Poster Submission. 5th Annual Canadian Obesity Summit.

Irfan Abdulla; R Gill; Rajesh Sharma; "Increasing BMI in Primary Hip and Knee Arthroplasty; Influencing Length of Stay, Complications and Adverse Events. A Retrospective Review"

Dr. Kevin Hildebrand and Steve Boyd hosted this event and over 250 members of the public were in attendance.

THE McCAIG INSTITUTE FOR BONE AND JOINT HEALTH, CUMMING SCHOOL OF MEDICINE PRESENTS:



Science IN THE Cinema

ASK A HEALTH RESEARCHER: IS IT
SCIENCE OR FICTION?

Join researchers from the McCaig Institute for Bone and Joint Health for a discussion on arthritis research at the University of Calgary and the importance of seniors leading an active lifestyle.

Hip Hop-eration - Thursday, March 16, 6:30pm
The Globe Cinema, 617 - 8 ave. SW Calgary
FREE ADMISSION & POPCORN



SAVE THE DATE! 3rd Annual PGME Simulation Symposium October 5, 2017

An exciting day is planned with key note speakers, interactive workshops, lunch and poster presentations as well as a wine and cheese to close the day. **Guest speakers include:**

Dr. Victoria Brazil, Director of Clinical Simulation in the Faculty of Health Sciences and Medicine from Bond University (Australia). Dr. Brazil is also an emergency physician and medical educator.

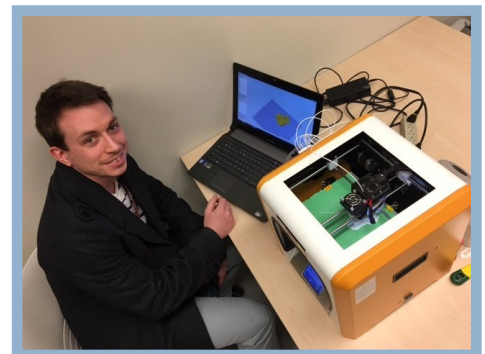
Dr. Ryan Brydges from the University of Toronto. Dr. Brydges is an Assistant Professor and conducts research in understanding how to optimize the use of healthcare simulation and identifying the best practices in the training and assessment for bedside invasive medical procedures.

Dr. Greg Powell, STARS founder and former CEO along with members of his team who will highlight us on their STARS Mobile Simulation Program.



3D Printing Enhances Resident Education

Third year resident Spencer Montgomery is currently running trials with a 3D printer to reproduce atypical talus fractures. CT images from complex cases can be printed into 3D models for residents to visualize and literally hold in their hand. The intent is to establish an inventory of various atypical bone fractures and label/store them in the Orthopaedic Junior Library for shared access.



Who wore it better? On Feb. 3, 2017 Dr. Montgomery shaved his head in support of cancer charity. We couldn't resist the opportunity to compare his new look with R3 Alex Meldrum.

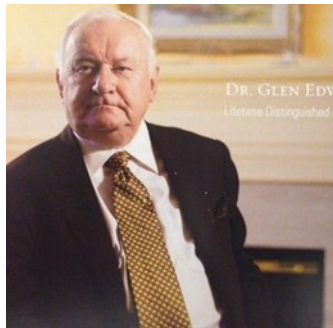
IMPORTANT DATES



**The Spencer McLean
Memorial Hockey
Game (Residents vs. Faculty)
March 30, 2017**

Canadian Ortho Resident Forum (CORF)	April 7-10, 2017
Spring Resident Oral Exams	April 13, 2017
Spring Resident Reviews	April 24, 2017
Fellows' Research Symposium	May 3, 2017
Resident Research Day	May 4, 2017
4th Annual McCaig Meeting on MSK Diseases	May 12, 2017
19th Annual Glen Edwards Day	May 19, 2017
Surgeon's Day	June 2, 2017
International Conference on Residency Education (ICRE)	October 19-21, 2017 Quebec City
Wood Public Forum on Shoulder & Elbow Injuries	October 28, 2017
45th Annual Townsend Day, Alberta Children's Hospital	October 19 & 20, 2017
15th Annual Afternoon in Arthroplasty Public Forum and Webinar	Fall 2017

Glen Edwards Day
Hosted by: the Sport
Med Knee Division
May 19, 2017



Our very own Judy Crawford will be part of the McCaig Institute Wall of Fame!

Judy will be featured in one of the new posters in the hallway of the McCaig Institute for Bone and Joint Health for her dedication to research and education as well as her personal commitment to prevention of arthritis. Judy has an extensive family history of severe rheumatoid arthritis and in an effort to stay healthy as she ages, she participates in regular aqua jogging classes 4 x each week.

Photo Credit—Don Molyneux Photography

Links

Article featuring Ryan Martin and Rick Buckley -

<http://calgaryherald.com/life/swerve/housebound-on-the-range-smashed-heel-wont-stop-stompin-tom-disciple-tim-hus>

McCaig Institute for Bone and Joint Health - www.mccaiginstitute.com

Alberta Bone & Joint Health Institute - www.albertaboneandjoint.com

Bone and Joint Health Strategic Clinical Network - www.albertahealthservices.ca/7675.asp

The Canadian Orthopaedic Association Newsletters: <http://whenithurtstomove.org/about-us/ortholink->

Advanced Technical Skills Simulation Lab, U of C: <http://www.ucalgary.ca/atssl/>

**Sue
Says...**



- **BE SURE TO CHECK OUT our website:** <http://cumming.ucalgary.ca/ortho/>
- A big thank you again to all faculty, residents and staff for their efforts to ensure a successful Royal College review on March 6, 2017.
- The pilot UME Student Competition on Arthroplasty and Obesity in collaboration with the Bone and Joint Health Strategic Clinical Network and the Alberta Bone and Joint Health Institute was a great success. We plan to offer more opportunities in the upcoming academic year.
- Some of our amazing orthopaedic research coordinators will be featured in the next edition of OsteoBLAST (Fall of 2017).

We'd love to celebrate your accomplishments! Please send us your photos, awards, accolades, publications, presentations and suggestions to acortho@ucalgary.ca. Thank you!