

Check Out

SAVE THE DATE
 35th Annual
 Surgeons' Day
 June 2, 2017



The OSR Website is now live!

Check us out at www.ucalgary.ca/osr

Meet Dr. Mike Monument!

Dr. Mike Monument is a born and raised Calgarian. He completed his undergraduate degree, MD, Master's degree and Orthopaedic residency at the University of Calgary. After residency he moved to Salt Lake City, Utah and trained as a research and clinical fellow at the University of Utah, Huntsman Cancer Institute. He spent two years working in a basic science lab researching a rare paediatric bone cancer, Ewing sarcoma. During this time, he was able to work with members of the Mario Capecchi lab, who are experts in making transgenic mouse models of human disease. Dr. Capecchi won a nobel prize in 2007 for his seminal work in genetic engineering of "knockout mice." His final year of fellowship was focused on the surgical management of adult and paediatric bone and soft tissue tumours. For Dr. Monument, Salt Lake City was an amazing place to live and train.

As a resident, Dr. Monument worked with Dr.'s Schachar and Puloski as part of his MSK oncology rotation. Collectively they inspired him towards his current subspecialty in Orthopaedic Oncology. The diversity of surgical techniques and procedures used in this specialty is truly quite amazing.



Photo source: www.kidscancercare.ab.ca

Currently, Dr. Monument's research is focused on furthering our understanding of why bone sarcomas such as osteosarcoma and Ewing sarcoma preferentially metastasize to the lung. Bone sarcoma patients who develop lung metastases have a dismal 10-20% 5-year survival. Dr. Monument believes that if we can find novel therapies that prevent this organ-selective process, there will be great opportunity to improve patient outcomes. His research lab is developing mouse models of bone and soft tissue sarcomas that can be used to manipulate various branches of the immune system and hopefully, impair the development of bone sarcoma lung metastases.

"Dr. Monument is a valued member of the Department. He is a rare breed of surgeon scientist who successfully bridges the gap between clinical and basic science research."

Dr. Sean Grondin
 Calgary Clinical Zone Department Head
 Department of Surgery

During fellowship his research team identified genetic traits in ethnic populations that predisposed some and not others to the development of Ewing sarcoma. Since arriving in Calgary, they have developed a new transgenic mouse model for a common soft tissue sarcoma in children and adults, Rhabdomyosarcoma. They are working hard to get their new osteosarcoma model up and running. These mouse models will enable them to collaborate their models with numerous other mouse models used by UofC investigators who study and manipulate branches of the immune system in other human diseases

Sarcoma research in Canada is scarce. Vancouver and Toronto have established sarcoma research groups and Dr. Monument is hoping that his basic science sarcoma research here at the UofC will put them, and the Department of Surgery on the map as an emerging leader in basic science sarcoma research.

When not in the research lab, Dr. Monument enjoys drinking craft beer, playing hockey, backcountry skiing and of course, fixing broken bones. Every year he travels with friends from medical school to Europe and play ice hockey against other European hockey teams. This January 2017 will be their 5th year doing this and they have played hockey in 15 countries so far. This tradition has become an amazing life experience.

Upcoming 2016-2017 Deadlines:

- [CSR Fund](#) January 31st
- [DOM-DOS Fund](#) March 31st
- [DOS Research & Education Program Grant](#) April 28th
- [Surgeons' Day](#) June 2nd

Have you heard?!

REDCap is a free, secure, browser-based application designed to support Electronic Data Capture (EDC) for research studies. This EDC software is used to facilitate clinical and translational research databases and used widely in the Academic Research community.

The Clinical Research Unit (CRU) in the Cumming School of Medicine at the University of Calgary is a local REDCap host and offers the support and use of the service to Cumming School of Medicine and Alberta Health Services personnel.

For more information please visit: <http://cru.ucalgary.ca/>



Ethics and You: What to Know?

Quick Fixes! The CHREB webpage provides [standard consent templates](#) for you to use in your research project! Please see the CHREB website, and check out the Forms and Templates section.

www.ucalgary.ca/research/researchers/ethics-compliance/chreb#quickset-field_collection_quicktabs_0



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Posters: Show Your Stuff!

This year at Surgeons' Day we will be inviting poster submissions from **ALL** residents, extended residents and fellows across **ALL** sections. Showcase your research accomplishments and submit your abstract by April 28th 2017.

Connect with us at OSR@ucalgary.ca or visit the webpage at www.ucalgary.ca/osr for more information and templates.

TRAUMA DRAMA!

The Calgary Zone Trauma Team are publishing a newsletter from their section to highlight the publications, research success, and awards from their team. We would like to extend our congratulations to Dr. John Kortbeek on his receipt of the 2016 CARNA Award – Partner in Health, and To Dr. Paul McBeth and his colleagues on a third place award for best research and presentation on TEG at the Trauma Conference International 2016 in San Diego! You can check out all of the highlights from the Trauma team [here](#).

Calgary Zone Trauma Research Newsletter—Department of Surgery, Alberta Health Services



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OsteoBLAST-off!

The section of Orthopaedic Surgery has begun a publication to highlight successes within their section, and promote upcoming events. We extend our congratulations to the team and are excited to see highlights of their success. [You can check it out here](#).



The OsteoBLAST

Get in touch!

If you have something that you would like us to include in an upcoming newsletter, please send it to osr@ucalgary.ca
We look forward to hearing from you!