Department updates

Roger scores CIHR funding!

Neil gets Weston funding!

Anita is a Woman of Distinction!

Biomed exceeds UW goal...again!!

Glen's "Conversation"

Grad student corner

Upcoming events in Biomed!

...and much more!

Off to a great start!

As promised, 2019 has started with some early and amazing success! As you will see in this edition, we are only in February, but have already secured over $1 million in research operating funding in the Department! Respectively, these honors reward excellence in research and build on our reputation and commitment to comparative and translational biomedical research.

Congratulations everyone!
Dr. Roger Moorehead has been awarded a project grant worth $837,397K over 5 years from the Canadian Institute for Health Research (CIHR) to investigate "Understanding how the miR-200 family prevents tumor initiation and impairs tumor growth". Congrats Roger!

Dr. Neil J MacLusky is the PI on a Weston Brain Institute Rapid Response award to investigate "Neurosteroids as Treatments for Alzheimer’s disease" $196,296 March 2019 - Oct 2020. Dr. Boyer Winters (Dept of Psychology) is a co-investigator. Congrats Neil!

On a related note, Dr. Neil MacLusky is a keynote speaker during a workshop event on Saturday, March 9th sponsored by the Guelph Chapter of OXFAM Canada. The event is an effort to inform the public on the "...gendered perspective towards social issues such as access to resources such as sanitation and health care, food insecurity, poverty and income inequality as well as providing emergency crisis relief to countries in need."

Biomeders are well represented at this workshop event as one of the organizers of this event is Manvi Bhalla (Biomed student) and Rainier Liboro MD (keynote speaker following Neil) was a sessional lecturer in Pharmacology BIOM*3090 and BIOM*4090 in Biomedical Sciences approximately 6 years ago. Another presenter, Adele Heagle is a Biomed B.Sc. graduate who then did the OVC MPH before getting a job in a public health agency.

Way to represent Biomed!!
Biomed EXCEEDS United Way target...again!!!

Biomedders did it again! Your continued generosity allowed us to exceed our target, which is among the highest in OVC for one of the smallest departments!!

A huge thank you goes out to our departmental representatives, Bryan Jenkins and Shahnaza Hamidullah, for their efforts to collectively facilitate OVC exceeding its United Way target.

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Way to go for showing your support Biomed!!
Dr. Glen Pyle published in "The Conversation"

One evening, you tune in to your favorite medical drama. As the scene opens, the calm of the hospital is shattered when a patient grabs their chest and collapses to the floor. The impossibly good-looking medical team rush in and work feverishly to save the heart attack victim.

In your mind did you picture a man or a woman having the heart attack?

Most people associate heart attacks with men. But cardiovascular disease is the leading cause of death globally for both sexes, and women are more likely than men to die of a heart attack.

During a heart attack, women are more likely to present without pain, or with uncharacteristic symptoms. Treatment guidelines, however, are based on data collected primarily from men.

Sexism in cardiovascular research means that not only are heart attacks often missed in women, but women are also less likely to receive recommended therapies, interventions and rehabilitation opportunities.

For the full story, please visit:
https://theconversation.com/womens-heart-attack-symptoms-are-different-and-clinical-care-must-catch-up-111798
Kathy Jacyniak and Anita Luu have outdone themselves again, providing a "sounding board" for mental health and wellness issues for Biomedders. Although Mental Health week is over, the board lives on!

The board's new home will be in the Biomed Common room. I encourage you all to continue the conversation, as a contributor, responder or just reflect on the issues faced by all Biomeders. I am confident that this has helped those who were courageous enough to provide their thoughts, with the realization that they are FAR from being alone in their experiences, or in how they feel.

Way to go for showing your support Biomed!!
Graduate Student Corner

Congratulations to all of our MSc recipients; Rosephine Del Rio (Pyle), Diana Carvajal (Madan), Priya Mistry (Martino), Stephanie Bradley (Vickaryous) and Eric Lawton (MacLusky) on their successful convocation this Winter (Missing from the photo is Dr. Ari Mendell (MacLusky) who received his PhD during the ceremony).

Congrats everyone and all the best in your future!

Anita Luu, A Women of Distinction!

Anita was fortunate enough to be nominated and named as one of the Guelph's YMCA Women of Distinction. This is an annual celebration of women who are role models, pioneers and outstanding achievers – they improve the quality of life in our community. She is humbled to be included as one of the 20 women included in this year's celebration - thank you to those that took the effort to nominate her!
Wellness in Biomed

Biomed's Happy Plant Parents
All the best with the new additions to your family!

Health & Safety updates...

The H&S Committee is meeting in March, so please send any questions, comments or "issues" you would like answered discussed, to Sarah Donato (sdonato@uoguelph.ca). Thank you!
Dr. Mohit Kapoor visits Biomed!

As part of the CTRMN faculty lecture series, Dr. Mohit Kapoor, Tier 1 Canada Research Chair in the Mechanisms of Joint Degeneration visited Biomed.

Dr. Kapoor is the Director of Arthritis Research at Krembil Research Institute and Toronto Western Hospital, University Health Network (Toronto) where he is directing the basic, clinical and translational research in arthritis. He is also the Director of Cartilage Biology and Joint Restoration Therapeutics within the Arthritis Program at University Health Network.

Dr. Mohit Kapoor, **Thomas Koch** (host and course coordinator) and **Tony Mutsaers** meet prior to the talk.
Upcoming events

CTRMN FACULTY LECTURE SERIES W19

Fridays, Jan. 25 – April 5

10 – 11.20 AM, Room 1642
Department of Biomedical Sciences, OVC.

• Jan 25: Osteoarthritis: Challenges and Opportunities for Regenerative Medicine by Prof. Mark Hurtig, Department of Clinical Studies, OVC.

• Feb 1: Investigating The Mechanisms By Which Integrin Alpha1beta1 Protects The Knee From Osteoarthritis by Prof. Andrea Clark, Department of Human Health and Nutritional Sciences, CBS.

• Feb 8: Novel Therapeutic Strategies to Counteract Cartilage Destruction during Osteoarthritis by Prof. Mohit Kapoor, PhD, Krembil Research Institute, Toronto.

• Mar 1: Status After A Decade With Equine Cord Blood MSCs by Prof. Thomas Koch, Department of Biomedical Sciences, OVC

• Mar 8: Where Biology Meets Biomedicine: Tales Of Regeneration From Lizards In The Lab by Prof. Matt Vickaryous, Department of Biomedical Sciences, OVC.

• Mar 15: Angiogenic Mechanisms Associated With Tissue Regeneration by Prof. Jim Petrik, Department of Biomedical Sciences, OVC.

• Mar 29: Pluripotent Stem Cells – The Swiss Army Knife of Cell Therapies by Prof. Sarah Lepage, Department of Biomedical Sciences, OVC.

• April 5: Synovial Joint Cellular Therapies by Prof. Mark Hurtig, Department of Clinical Studies, OVC.

Hosted by The Comparative and Translational Regenerative Medicine Network at Guelph as part of graduate course BIOM*6712
Upcoming events

Cardiovascular Scientist Seminars
Thursday March 7, 2019
Pathobiology (PAHL) 1800, 11:55 am – 1:00 pm

Dr. Todd Gillis, PhD
Center of Cardiovascular Investigation (CCVI) Executive
Department of Integrative Biology
College of Biological Sciences
“How to function in the cold or without oxygen, novel things learned from studying fish hearts”

Dr. Nina Jones, PhD
Center of Cardiovascular Investigation (CCVI) Executive
Department of Molecular and Cellular Biology
Canada Research Chair
“Signalling pathways regulating development and function of kidney vasculature”

All undergraduate, graduate students & faculty are welcome! Seating is limited, please email ccviquelph@gmail.com to RSVP

Sponsors: Ontario Veterinary College, College of Biological Science, Bio-Medical Science

Google: Cardiovascular Research Guelph
Twitter: @CCVI_Guelph
LinkedIn: CCVI Guelph
www.uoguelph.ca/CardiovascularResearch
As usual, my door is always open...

so pop in for a chat anytime!!

Tarek Saleh
Dept. Chair