



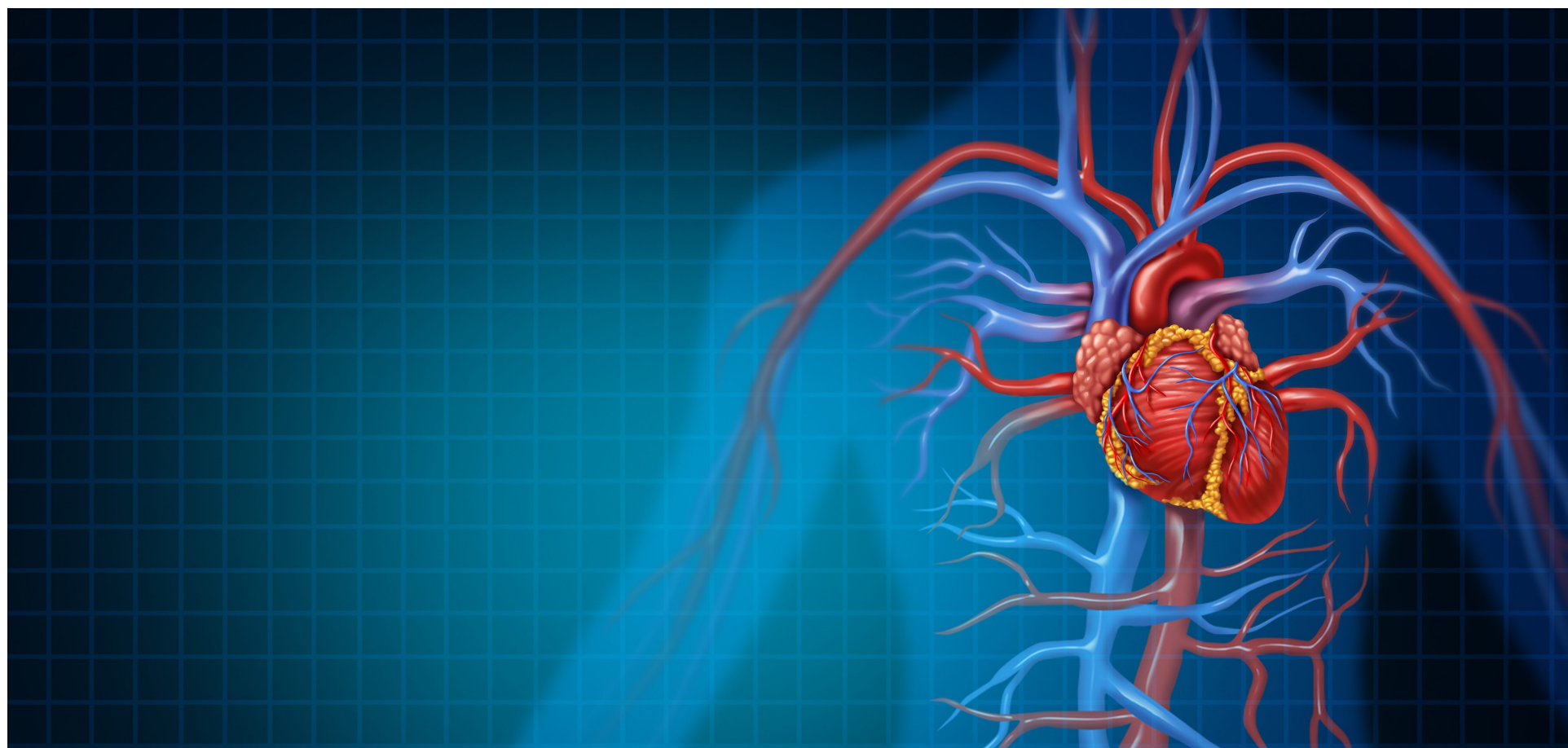
THE UNIVERSITY OF BRITISH COLUMBIA
Materials & Manufacturing Research Institute

Newsletter | July 10, 2019

Upcoming MMRI event

New Horizons in Cardiovascular Health

September 12, 2019 | 8:00 AM-5:00 PM
Kelowna, BC



- Over 20 talks on several pertinent themes such as cardiovascular biology and physiology, biomaterials, devices, wearable technologies, and imaging.
- A unique training and experience-sharing program on entrepreneurship and business development in health.
- An exhibition for companies to showcase and demonstrate their innovation and products.

To get further information and register at the event, please visit the link [here](#).

Call for proposals

Multidisciplinary Undergraduate Research Projects in Health (MURPH)



We are inviting all faculty members at UBC Okanagan to submit their project proposals to MURPH for the Winter Terms of 2019/2020. Salaries of undergraduate students, and financial support for materials/supplies are among the benefits offered to the selected projects.

Application deadline: Friday, August 16, 2019

MURPH is a new undergraduate research program at UBC Okanagan, which aims to offer a unique cross-disciplinary platform for undergraduate students to engage in academic research, while also getting unique professionalization training through MURPH-specific workshops.

To learn more about this program, please visit the link [here](#).

News Briefs

Technologies in Emergency Care – TEC Vancouver Conference 2019

The TEC Vancouver conference will bring together clinicians, health professionals and health leaders to explore clinical gaps and how technologies can be used to solve real life challenges in primary and emergency health services in BC and beyond.

Date: Saturday, November 2, 2019

To get further information, please visit the event webpage [here](#).

Congratulations from all MMRI members to ...

- Drs. Mohammad Zarifi and Mohammad Arjmand, School of Engineering, for receiving a DND IDEaS Competitive Project award for their proposed solution entitled "Microwave Radar Noise for Concealed Hazard Detection".
 - Dr. Bhushan Gopaluni, Chemical and Biological Engineering, and his colleagues, Dr. James M Piret from Chemical and Biological Engineering, and Dr. Megan K Levings from Department of Surgery for receiving a Collaborative Health Research Projects (CHRP) award for their project entitled "Bioprocess Engineering for Therapeutic T-cell Manufacturing".
 - Dr. Frank Ko, Materials Engineering, and his colleague, Dr. Aziz Ghahary, Department of Surgery, for receiving a CHRP award for their project entitled "Therapeutic Use of Micro-Sponge Embedded Nutritional Liquid Scaffold for Treatment of Non-Healing Wounds".
 - Dr. Hongshen Ma, Mechanical Engineering, and his colleague, Dr. Mark D Scott, Centre for Blood Research, for receiving a CHRP award for their project entitled "Deformability based Cell Sorting Enabling Quality Control of Stored Red Blood Cells".
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Meet a Member!

Dr. Kevin Golovin, Assistant Professor, School of Engineering



What interests you the most when working in the education sector and why? I love helping students figure out how the world works so they can make it just a little bit better. Nothing is more rewarding than watching one of their crazy ideas lead to a great scientific discovery.

What will be the next big development in your field?

Currently all low-ice-adhesion coatings are just that - coatings. At UBCO we're pioneering a new

methods for generating low adhesion without coatings. Regular metals like steel and aluminum can be used to achieve incredibly low ice adhesion, a paradigm shift in how people think about ice release.

What is the one thing people would be surprised to know about

you? Although I'm Canadian by birth, I'll be 54 before I've lived more of my life in Canada than outside of it.

Describe yourself in one word. Unable to follow simple instructions.

Please submit your success stories [here](#) to get featured in the newsletter.