

Graduate Newsletter (Week of November 30 2020)

You are receiving this email in order to keep you up-to-date and informed of important events, information and deadlines pertaining to Graduate Studies in the Faculty of Engineering.

Faculty Graduate Office Announcements:

All Winter 2021 term graduate courses in the Faculty of Engineering will be offered online. Classes for graduate courses will begin on Monday, January 11, 2021. Please contact the Graduate Office in your Department if you have any questions.

Graduate Student Services & Supports:

:: Parental Loss (Support Group)

This is a professionally facilitated, weekly support group over Zoom for students who have lost a Parent during the time they are studying at Western. It's a safe space to connect with others to give and receive emotional and practical support and learn about grieving your loss.

Once signed up, a group facilitator will contact you to do an individual intake and schedule group dates and times. To register, call **519.661.3030**

Graduate Scholarships/Awards Information:

:: NSERC Canada Graduate Scholarship- Masters (CGS-M)

Application Deadline: December 1, 2020; 7:59pm

The objective of the Canada Graduate Scholarships - Master's Program (CGSM) is to help develop research skills and assist in the training of highly qualified personnel by supporting students who demonstrate a high standard of achievement in undergraduate and early graduate studies.

Value & Duration: \$17,500 for 12 months, non-renewable

Please see https://grad.uwo.ca/finances/external_funding/cgsm.html for more information.

:: Research Ideas Competition to promote health, sustainability and equity in Low- and Middle-Income Countries (LMICs)

Application deadline: December 11, 2020

The goal of this competition is to inspire novel research ideas that aim to strengthen policy interventions, population health, environmental sustainability and/or health, gender and social equity in LMICs. These novel ideas are expected to deliver health and environmental co-benefits by addressing the interlinked nutrition and environmental challenges and knowledge gaps that impede shifts towards healthier and sustainable food systems. These ideas will promote a conceptual understanding of healthy and sustainable food systems and account for the practical realities of their implementation.

Details/Register: [Here](#) | Email: idrc.researchideas@utoronto.ca

:: Mitacs Elevate Postdoc – Valued at \$60 000 per year + Professional Development Training

Final Application Deadline February 10 2021 (see [website](#) for detail)

Provides two years of postdoc funding valued at \$60,000/year plus extensive customized professional development training (\$7,500/year non-cash value). More information, email elevate@mitacs.ca

:: Federation of University Women (CFUW) Fellowship

Application deadline: December 14, 2020

This award was designed to honour Dr. Marion Elder Grant's life-long commitment to education of women. Dr. Grant has an outstanding record of leadership as the 11th CFUW President (1949-52), CFUW Wolfville President, and Dean of Women and Professor of Psychology, Acadia University. For the 2020-2021 academic year, the value range of the award is \$10,000 - \$25,000. Details/Register: [Here](#).

:: Hugh C. Morris Experiential Learning Fellowship

Application Deadline February 15th, 2021

Valued at \$40,000 CAD, this fellowship is open to any graduate student studying in Canada who is working in a field related to earth, geosciences, environment, alternative energy, water, climate change, sustainability, or to the social impact, social sciences or design sciences related to these areas, and is designed to provide a unique experiential, international travel program designed by the student to engage diverse sectors, advance their research, learn from a range of contexts and cultures, and bring their learning back to Canada. Full details can be found at the [Kimberley Foundation](#).

Department Announcements this Week

Biomedical:

:: BME Seminar Series

December 1st @ 12:30pm via [Zoom](#)

Rebeca Arambula will deliver a presentation titled Electrically Conductive and Bioactive Scaffolds for Bone Repair and Regeneration, Samira Vakili will deliver a presentation titled Analyzing the Biomechanics of the Anterolateral Complex of Intact and Injured Knees, and Jose Lopez will deliver a presentation titled Upper Limb Motion Intention Estimation Using sEMG-ACC Fusion.

Join via Zoom: <https://westernuniversity.zoom.us/j/98613461288>

Civil and Environmental:

:: CEE Graduate Seminar Series

December 1st @ 1:30pm via [Zoom](#)

Rehana Rjabali presents, "Reducing flood risk throughout the emergency management cycle." Rooted in the changes in flood risk management responsibilities in Ontario in the aftermath of Hurricane Hazel, the tools used by Conservation Authorities to manage flood risk have evolved over the past 65 years. This talk explores flood risk management tools then, and now, and looks at how planning, engineering, and emergency management converge to deliver the many programs and strategies that work together to reduce the risk to people and property. We will touch on tactics in the realms of prevention, mitigation, preparedness, response, and recovery, and we will go over the many uses of flood plain mapping and how they are a foundational activity, as well as speak to how important data and monitoring is to our programs.

Join via Zoom: <https://westernuniversity.zoom.us/j/7182941417>

Mechanical and Materials:

:: MME Graduate Seminar Series

November 30th @ 1:30pm via [Zoom](#)

Ben Holness, “Enhanced performance of 3d electroactive polymer transducers via hierarchical structures,” followed by Xuejie Gao, “3D Vertically-aligned Li Metal Anodes with Ultrahigh Cycling Currents and Capacities of 10 mA cm⁻² /20 mA h cm⁻² Realized by Selective Nucleation within Micro-channel Walls.” Join via Zoom: <https://westernuniversity.zoom.us/j/92202435445>

Western Engineering Graduate Office

Western Engineering is committed to provide best support to graduate students. If you have any questions or concerns, please contact the Graduate Office in your [Department](#) or the Faculty Graduate Office wegraduate@uwo.ca.

*Please send all information to be included in the weekly Graduate Newsletter to Pauline Shen pkot2@uwo.ca by **Thursday no later than 4pm.***
