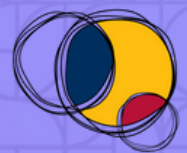


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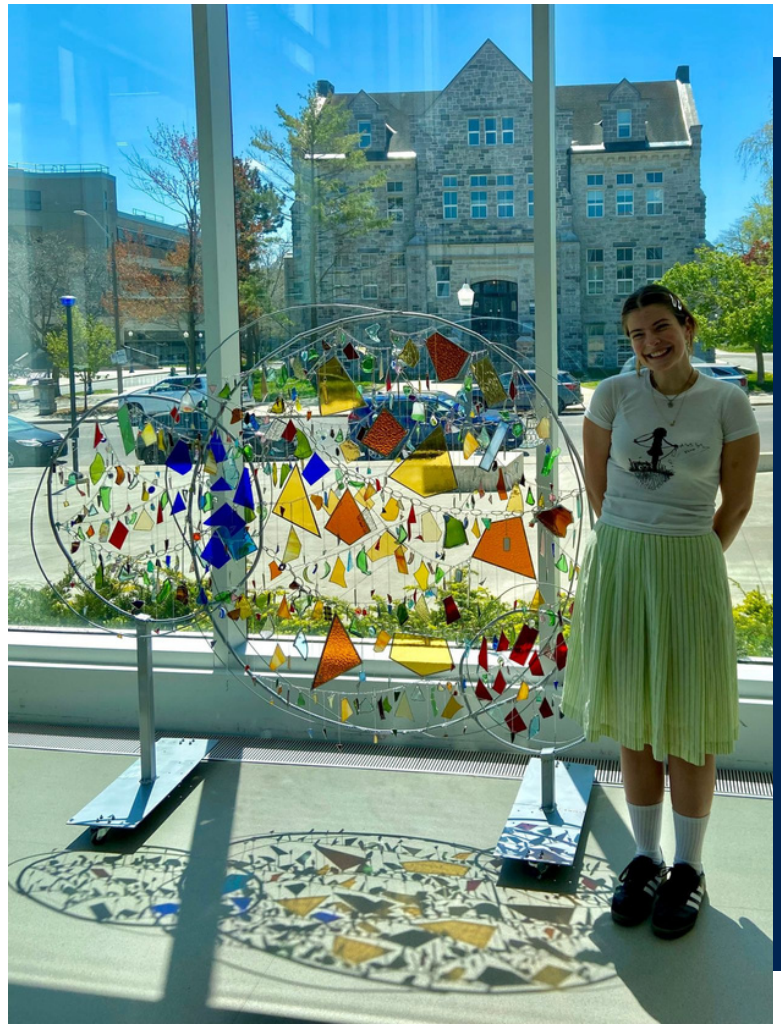
Newsletter June 2023



Dunin-Deshpande
Queen's INNOVATION CENTRE

CHIME / RENEW SCULPTURE INSTALLATION

Last February, DDQIC asked artists in the community to propose their ideas to bring life to the Rose Innovation Hub space where innovators work and learn. Introducing the stunning interactive sculpture "Chime/Renew" by Martha Steele! The sculpture is inspired by the DDQIC logo and is made from recycled glass and steel scraps. Not only does the light passing through the stained-glass create beautiful colouring on the floor, but audiences can engage with the sculpture to produce harmonies with the chimes. **From the entire DDQIC team, we want to give Martha a warm thank you for all of the time and hard work put into this!**



Martha Steele, third-year Bachelor of Fine Arts student at Queen's specializing in sculpture and installation.



"Each part of this project was an incredible learning experience and opportunity to apply my education at Queen's. From the planning, to sourcing materials within the community, to building this sculpture, this project sparked so many conversations and allowed me to connect with and learn from other creatives."

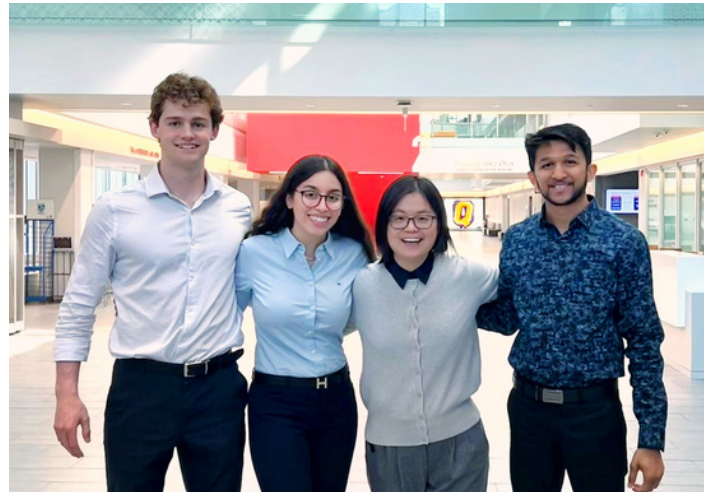
- Martha Steele (ArtSci'24)



To learn more about the sculpture, [click here](#) to read the artists statement!

Queen's Innovation Centre Summer Initiative and Build2Scale Spotlight

IceX is pursuing the Foundry stream of QICSI, a program to connect entrepreneurial individuals with Queen's research that has the potential to be commercialized through a startup venture. With backgrounds in chemical engineering, micro-biology, and business operations, the 4-person team is exploring the potential to commercialize a chemical coating technology developed by Dr. Liu's lab at the Department of Chemistry at Queen's. The coating has multiple identified applications in the cellphone, automotive, and anti-graffiti industries.



Brock Newell (ArtSci'23), Yasi Shahidian (ArtSci'24), Mia Hao, and Jay Patel (MEng'23)



Cory Firth and Caitlyn Chisamore, Co-Founders of Neuma

Neuma, The Centre for Social Wellness, is an experiential learning center dedicated to empowering individuals through the advancement of their emotional well-being. They utilize psychedelics and integrative living practices to guide and support those on their self-discovery, leadership, personal development, or overall well-being journey. They recently launched a new program, The Foundations for Psychedelic Exploration, in collaboration with St. Lawrence College. Learn more about Neuma on their official [website!](#)



"Our goal with Neuma is to create a more empowered mental health system for those that may have been labelled as clinically well but feel as though there is something missing in order for them to truly feel well. This is a population of individuals who have outgrown existing mental health options or are looking for a more natural way to nurture their mental-emotional help."

- Cory Firth, Co-Founder and CEO of Neuma



JLMCF PLACES SECOND IN GLOBAL COMMUNITY ENGAGEMENT INITIATIVE OF THE YEAR AWARD



DDQIC was awarded second place by the judges, and first place in community voting in the Triple E Awards, a global recognition of efforts towards the quest for entrepreneurship and engagement in higher education. The "Community Engagement Initiative of the Year" category recognizes initiatives that address a difficult problem and have been scaled to make a far-reaching impact. In only 3 years, JLMCF has been tackling underemployment in Africa by training over 3800 students across 49 countries in entrepreneurial skills and awarding over \$117,000 CAD to African founders and their ventures. The award recognizes the exceptional results of the program to launch ventures and create jobs in Africa!



“The Triple E Awards are a global recognition of efforts towards the quest for entrepreneurship and engagement in higher education. It is the first award to focus specifically on different dimensions of the universities' third mission. The Triple E Awards aim to foster change in universities and to emphasize their role in their communities and ecosystems.”

- Triple E Awards Excerpt
(www.triple-e-awards.com)



YOUTH TEAMS COMPETE IN A PILOT FOR THE FUTURE LEADERS INITIATIVE

15 teams participated in DDQIC's youth entrepreneurship pilot program from September 2022 to May 2023. Over 140 youth from 5 high schools in Hanoi, Toronto, and Kingston participated in an 8-month innovation training program and formed teams to identify a problem and develop a business plan. They submitted final pitches in a virtual, asynchronous competition. Members of DDQIC's Global Network of entrepreneurial alumni judged the pitches and selected the winners.

Congratulations to Wellspring School in Hanoi whose teams placed first, second, and third. The teams (pictured above) were guided by their teacher, Garrett Mould, and supported by DDQIC's Program Coach, Aqeela Somani. Their innovative solutions aimed to better connect trainees with gyms and personal trainers, help consumers to better identify bias and reliability in online media, and to broaden access to affordable university textbooks.



All students who participated had the opportunity to earn a micro-credential from Queen's University in Starting Your Innovation Journey for completing the program training and submitting a final pitch.

WHAT'S NEXT FOR THE YOUTH PILOT PROGRAM?



In the program, youth acquire invaluable problem-solving skills, gain confidence in navigating the post-secondary environment, and prepare for their future success. Students have the opportunity to earn a Queen's micro-credential that can be leveraged when applying to post-secondary studies.

In the next steps of scaling the delivery of the program, DDQIC hopes to partner with upwards of 10 schools and hundreds more youth. We are interested in connecting with communities all over the world to get involved.

Interested in offering Future Leaders Initiative to youth in your community?

Reach out to us at innovation.centre@queensu.ca

DDQIC assessed the results and feedback from the pilot program and is now preparing for a full scale launch of the program officially dubbed the **Future Leaders Initiative at Queen's University (FLIQ)**.

The program training content will largely resemble the pilot, but with edits and additions to make the lectures and modules more accessible to a global youth audience. Topics that youth learn include Innovator's Mindset, Design Thinking, and Business Model Canvas, all of which is applied to developing their own business venture and pitch.

[Click here for more information on FLIQ](#)



Students from John Polanyi Collegiate Institute attending a design thinking workshop in the Rose Innovation Hub

YOUTH OUTREACH IN CHINA, INDIA, AND VIETNAM



DDQIC joined Undergraduate Recruitment on visits to key recruitment markets in Spring 2023 to deliver Design Thinking workshops and micro-credentials to youth. Design Thinking is a problem-solving methodology leveraged by Forbes 500 companies and entrepreneurs to develop innovative products, services, and impactful solutions. The Queen's micro-credential enhances students' career resumes and complements their applications to post-secondary.

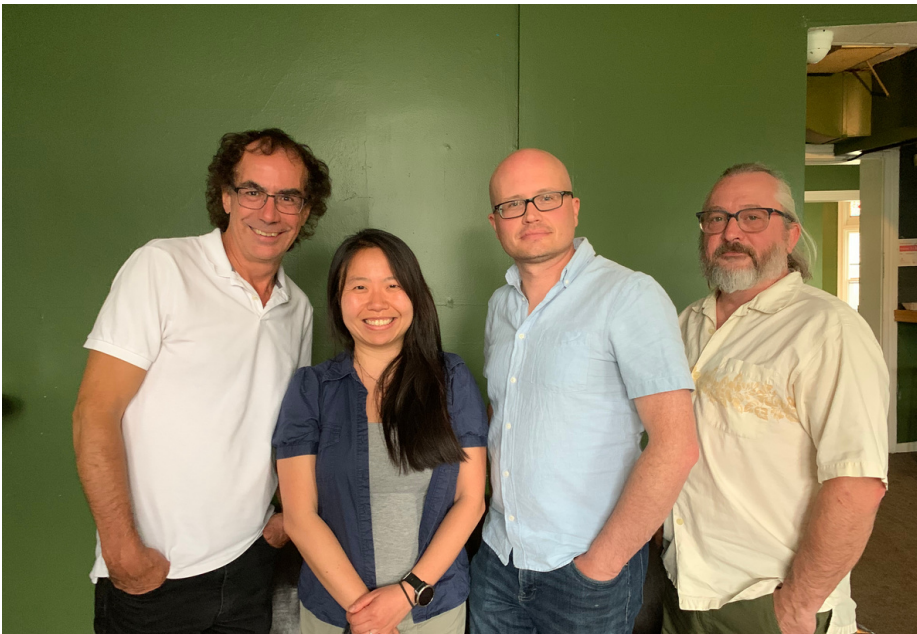
DDQIC delivered workshops at 3 schools in Vietnam and India. Students were challenged to develop and validate a solution to a problem that could be the basis of a business venture. Following the outreach, several high schools in China, India, and Vietnam are interested in deepening their collaborations with Queen's by having their students participate and compete in the Future Leaders Initiative.



During the workshops and school visits, we received strong validation for the demand for DDQIC's entrepreneurship training. Queen's University can make a unique impact globally by helping youth to develop 21st century career skills and be exposed to problem-solving at the post-secondary level.

- Chloe Beisheim, Program and Outreach Manager

Dynamiris Secures INOVAIT Pilot Fund



Dynamiris co-founders from left to right: Dr. Doug Munoz, Dr. Janis Kan, Don Brien, and Dr. Brian Coe

Researchers from the Eye Movement Lab in the Faculty of Health Sciences have been selected for the INOVAIT Pilot Fund to advance a startup venture, Dynamiris. One of the co-founders, Dr. Janis Kan, is part of the QYourVenture program at DDQIC. Dynamiris is developing a revolutionary solution to enhance the diagnosis and monitoring of neurological disorders. By harnessing the power of eye-tracking technology and an advanced AI classifier, they have created a highly sensitive and objective tool that holds great promise for early detection of brain disorders.

INOVAIT is the pan-Canadian network for developing, advancing, and commercializing image-guided therapy with artificial intelligence. Led by the Sunnybrook Research Institute and supported by the Government of Canada's Strategic Innovation Fund, the network invests strategically in collaborative partnerships that build upon Canada's strength in digital innovation and health science research.

"We envision this system providing an end-to-end product that is easy to administer, even in remote locations where access to neurologists may be limited."

- Dr. Janis Kan



Dynamiris co-founder, Brian White

The Dynamiris team participated in and previously won the top prize in the Mitacs Invention to Innovation (i2I) competition that awards excellence in commercializing science and technology. DDQIC assists Mitacs and SFU in delivering the program. The funding and support Dynamiris has achieved will accelerate their path to transform treatment strategies and significantly improve patient outcomes.

Introducing ENIN 250: Makerspaces and the Creative and Innovative Process



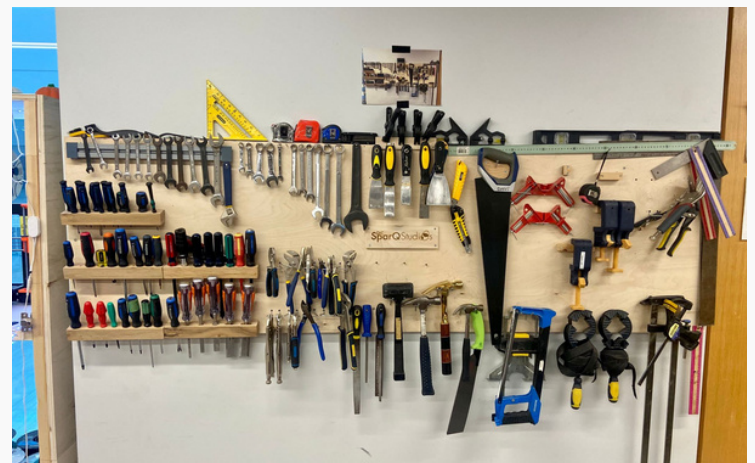
We are thrilled to announce the launch of a brand new course at Queen's University: ENIN 250. This course is designed to empower students with the mindset and skillset of a student innovator, focusing on the principles of design thinking and the potential of the maker movement to create social impacts. It joins the roster of courses in the Certificate of Entrepreneurship, Innovation and Creativity. ENIN 250 offers a unique learning experience that blends theoretical knowledge with practical application.

Students will dive into real-world problems and learn how to use makerspace equipment competently and safely in the SparQ Studios makerspace, located in Mitchell Hall. Throughout the course, students will be guided through the process of designing, prototyping, and testing objects, gaining invaluable hands-on experience. If you're ready to unleash your creativity and to explore the world of makerspaces, then ENIN 250 is the perfect opportunity for you!

Learning Outcomes

1. Apply an innovator's mindset to tackle real-world problems.
2. Utilize design thinking principles through prototyping feedback meetings with teaching assistants, working with different makerspace technologies, and creating CAD files and 3D printed objects.
3. Evaluate the impact of making and the maker movement on society, policy, and the environment.
4. Demonstrate cooperation skills by collaborating in groups to develop solutions for "How Might We" problems, writing proposals and initialization reports, and delivering final presentations.
5. Predict how the innovator's mindset, design thinking, and the use of physical technologies can be applied to future career paths.
6. Exhibit effective and safe use of makerspace equipment.

Enrollment for ENIN 250 is now open, so don't miss out on this incredible opportunity to empower your inner innovator. Join us in September in the SparQ Studios makerspace and embark on an exciting journey of creativity, problem-solving, and making a positive impact on the world.



[Click here to learn](#) more about ENIN 250

JLMCF Success Stories



Kwela Brews

Reitemetse Kholumo, a 25-year-old entrepreneur and chemical engineering student and JL MCF 2022 Alumni, is on a mission to empower South African traditional beer makers and promote indigenous knowledge systems. Her company, Kwela Brews, aims to address the challenges faced by women who brew traditional African beer, such as inconsistent buyers and competition from low-cost alternatives. Kwela Brews acts as a distributor, paying the women for their brews and supplying them with ingredients. They have started testing the market at local events and have partnered with a restaurant to expand their reach.

Kholumo's vision goes beyond brewing beer; she aims to create a culture where indigenous brews are more widely enjoyed and promoted. Kholumo is determined to scale up the distribution of homegrown alcohol and eventually obtain certification for the benefits of gut microbiomes. Through her efforts, she hopes to showcase the potential and cultural richness of traditional African brewing practices, promoting local products and knowledge.



AgriMercarb

AgriMercarb produces feed for fish using black soldier fly larvae. Co-founded by Luther Quarshie, a current JL MCF 2023 fellow, AgriMercarb has successfully sold 2.5 tones of black fly larvae. Profits were reinvested into procuring more bioconversion trays and hiring a permanent staff member.



Zuripacks

Founded by Oliver Omondi, a current JL MCF 2023 fellow, Zuripacks produces reusable and biodegradable alternatives to plastic bags, tackling multiple United Nations SDGs. Zuripacks are made of locally sourced materials such as palm straws, banana fibers, and recycled paper. They have reached 250 households and 150 businesses.



UPCOMING SUMMER PITCH COMPETITION

From left to right: Dr. Anh Tran Ly and Dr. Tu Nguyen, co-founders of Co2L Technologies

In the annual Dunin-Deshpande Summer Pitch Competition, teams have the opportunity to compete for Kingston's largest prize pool. The competition provides post-secondary students and members of the Kingston community with an opportunity to advance their early-stage venture through non-dilutive funding and mentorship. Competitors navigate a series of rounds and receive coaching from the DDQIC team and members of the Global Network to improve their final pitch.

Applications are now open and the deadline is Tuesday, July 18th 9AM (EST).

The final competition takes place on August 17th.

[Click Here for Event Updates](#)



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