

McGill Education's EdTech Office: The Future of Teaching and Learning

For more than 150 years, the Faculty of Education has been at the forefront of teaching, learning, and ground-breaking research in all aspects of education and human development. As a leading global research institution, findings that come from McGill have a direct impact on the field of education, from curricula recommendations to the evaluation and integration of emerging technologies.



Digital technologies are central to our society and play an ever-expanding role in education. Educational Technology, or EdTech, is a rapidly changing field that is transforming the way we teach and learn.

Educators are leveraging technology in their classrooms to unlock new opportunities for in-person, student-centred learning.

Educators and students have access to innumerable digital games and apps designed to engage, enhance learning, and provide insights into student's progress. These technologies offer vast opportunities, but without thorough research we lack the understanding necessary to make these tool truly transformative.

McGill Education: Leading the Way in Research

As a leader in preparing future teachers and researchers, McGill's Faculty of Education is able to provide guidance in effectively integrating technology into the classroom and beyond. This bridging of the gap between research and practice is integral in developing effective technology. Our faculty members and student teachers incorporate their findings into the classroom by working closely with school districts across North America. McGill Education is unique in its ability to bring highly specialized research directly into the field.

The Faculty of Education houses some of the most preeminent scholars in pedagogy and technology. Their work explores the many ways that emerging technologies can accelerate classroom learning across a range of contexts, from using games to enhance primary and secondary students' appreciation of history to improving medical students' empathy for patients.

Our work has had a measurable impact in the McGill community and we are ready to broaden our scope. We are proud to announce the creation of a world class research centre devoted to the intersection of technology and pedagogy. **The Faculty of Education EdTech Office will become a hub for expertise in using technology to enhance learning inside and outside of the classroom.**



McGill

Faculty of Education Faculté des sciences
de l'éducation de l'éducation



Dr. Adam Dubé

Associate Professor
Learning Sciences
& EdTech Office
Director

Dr. Adam Dubé partners with industry leaders, including leading game developer Ubisoft, to bring the power of technology into the classroom. By integrating new technologies alongside teacher guides created by the Faculty's leading researchers, educators better understand how these tools can be used to meet curriculum goals while engaging students.

Our Vision for the Future

Housed within the Faculty of Education, the EdTech Office will serve as a nexus at the University for state of the art technologies and professional development. In-service and pre-service teachers would be able to integrate new tools into their classrooms and document feedback in real time. Researchers would be encouraged to create cross-faculty collaborative projects where the results could be easily shared via the EdTech Office's academic and professional networks. The office would also provide support for the creation of online learning materials to provide guidance for teachers, students, and parents as they integrate technologies into their everyday lives. As a leader in research, McGill Education would be able to provide integral feedback to ensure that our community is using online materials that have a proven efficacy.

The work of the EdTech Office will be founded on seven technological pillars that are changing education now and into the future:



An Invitation to Join Us

A project of this scale requires vision towards the future. We are proud to have found a centre that is ambitious and reactive in a constantly changing field. This cutting-edge project presents ample opportunity to create industry and community facing projects, including forming teams of named Fellows that would partner with companies to bring their expertise in-house as researchers, or fund students as they design large-scale workshops to bring specialized technological knowledge to the classroom, such as 3D printing.

In order to create a research hub in line with the Faculty of Education's vision and capabilities, we will need the best possible resources to support our students and researchers, including:

Equipment A fund to purchase and maintain equipment that touches on all the office's priorities.

Student Support Endowment or direct support to attract Research Fellows across the seven tech pillars.

Research Funds Support for authentic classroom-based research to provide real-time feedback on the efficacy of new technologies and curricula.

Multimedia Production Means to create and distribute videos and guides for technology that can be shared online.

Opportunities for Connection Funds to hold events and workshops that connect educators and researchers with educational technology industry leaders to foster partnerships and innovation.

We invite you to join us in launching this innovative solution to the question of how technology can transform learning.

Your philanthropic support will put McGill's Faculty of Education on the forefront of challenges that can only be solved through imagination, collaboration and leadership. The McGill EdTech Office will help us redefine education for the 21st century.

ARIEL SWAN | Director of Development
McGill University Faculty of Education
Education Building, 3700 McTavish Street, Office 405
Montreal, Quebec H3A 1Y2

T. 514.617.9324
ariel.swan@mcgill.ca

DR. ADAM DUBÉ | Associate Professor
Learning Sciences & EdTech Office Director
McGill University Faculty of Education
Education Building, 3700 McTavish Street
Montreal, Quebec H3A 1Y2

T. 514.398.3442
adam.dube@mcgill.ca



McGill

Faculty of Education | Faculté des sciences de l'éducation