



**ANNUAL RESEARCH
REPORT
2017-2018**



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A MESSAGE FROM THE DEAN OF ACADEMIC DEVELOPMENT



We are thrilled to present, in this Annual Report, the 2017-2018 accomplishments of Dawson researchers and pedagogical innovators.

We believe that research and teaching can be a syncretic process - passionate researchers involve their students in their projects and bring their passion into the classroom. Dawson is committed to supporting our researchers as they ask important questions and help to inspire the next generation of creators and innovators.

We are pleased to acknowledge support from the Research Support Fund, which enables us to support a research environment that attracts talented teacher-researchers and facilitates partnerships and collaborations for research at the college.

In 2017-2018, new grants and exciting ongoing initiatives addressed a wide range of research questions in the humanities, natural and social sciences, as well as in pedagogical research, and contributed to both knowledge creation and mobilization. Projects focused on a range of issues and topics, including learning technologies in the classroom, archival research in Montreal, mathematics, and literature and the arts. Dawson researchers investigated how to improve First Nation student success in postsecondary education, brain imaging, campus sustainability, and food security, to name just a few examples. Our researchers participated in numerous conferences, workshops and colloquia here in Canada and around the world, sharing their discoveries and expertise with their academic peers and the general public.

In this report, I invite you to explore these projects illustrating the incredible variety and significant contributions to society that our teachers and researchers make. To our faculty, thank you for your persistence and dedication to expanding knowledge and learning in your fields; your contribution to scholarship and practice is profoundly felt by your colleagues, your students, and the whole community.

Catherine LeBel
Dean of Academic Development

RESEARCH RECOGNITION AWARD



Dr. Elizabeth S. Charles is a faculty researcher and founder/co-director of Supporting Active Learning and Technological Innovation in Studies in Education (SALTISE), an initiative involving over 15 colleges and universities across Montreal and the regions (English and French). For over a decade, she has been an influential researcher and leader in the field of pedagogical innovation and change in Quebec and internationally. Her outstanding record of supporting pedagogical change was recognized with the 2012 College Sector Educators Award by the Society for Teaching and Learning in Higher Education (STLHE).

She holds a Ph.D. in Educational Technology from Concordia University and a Post Doctorate in the Learning Sciences from the Georgia Institute of Technology. She is a lecturer at the University of Sherbrooke and an invited researcher at Université de Montréal.

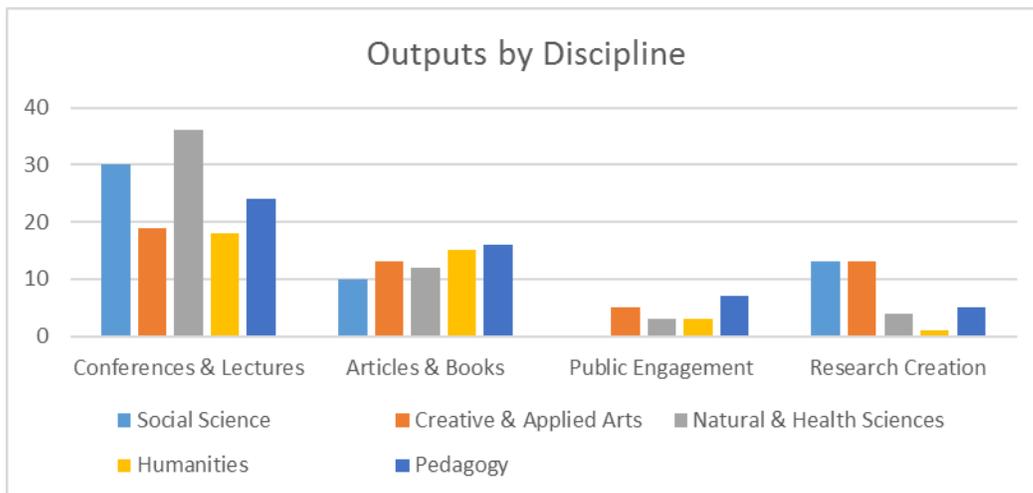
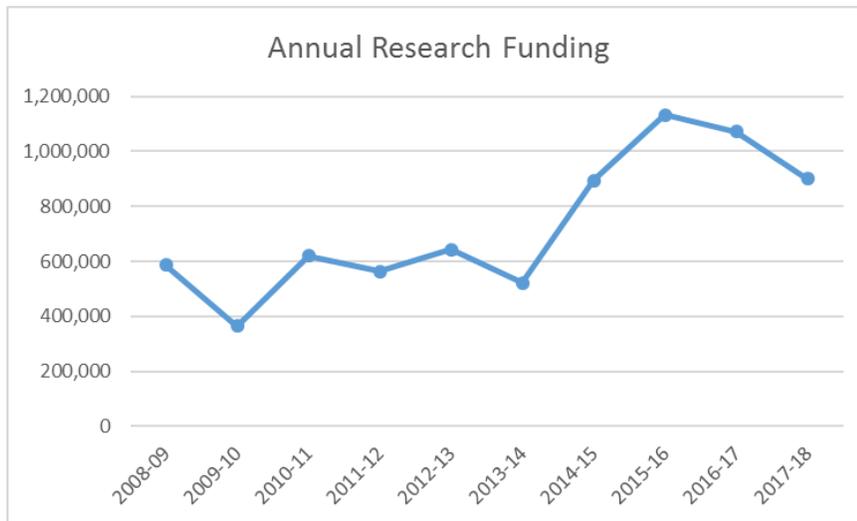
Dr. Charles' research focuses on pedagogical innovations, design-based implementation research, and technology-supported learning environments, which she has developed through an extensive and robust record of research grants. Since 2005, she has been awarded six consecutive PAREA grants funded by the Quebec Ministry of Education and held in collaboration with colleagues at John Abbott and Vanier Colleges. These projects have focused on successful pedagogical strategies in active learning classrooms and the use of technologies to support collaborative learning in science education. Dr. Charles has also held a number of SSHRC grants, as applicant and co-applicant, with colleagues in Montreal and internationally since 2013. She is currently the principal applicant on a 2-year (2015-17) SSHRC-CCSIF grant and co-applicant on a 1-year (2017-18) SSHRC-Connections grant.

At Dawson College, working with Chris Whittaker, Dr. Charles has created and supported a learning community of teachers and researchers in the form of the Dawson Active Learning Community (DALC) to engage student learning, to build new pedagogies, and to help teachers learn from their peers. She has also helped establish active learning communities of practice at John Abbott and Vanier Colleges and continues to support these communities. She has worked with her SALTISE colleagues in building capacity for instructional and techno-pedagogical innovations. Most recently, she has successfully spearheaded two successful institutional grant applications to Entente Canada Quebec (ECQ) – ALPIC (3-year project, 2014-17) and SALTISE/S4 (5-year action concertée project, 2017-18 current first year) and previously, inter-institutional Chantier 3 (2-year project, 2011-13).

In recognition of her research accomplishments and for her contributions to the Dawson community over the past decades, we are pleased to present Dr. Elizabeth S. Charles with the Research Recognition Award for 2017-2018.

RESEARCH HIGHLIGHTS

Despite the increasingly competitive environment for research funding, 2017-18 was a strong year for the Dawson research community, with 23 funded projects under way, supporting 19 researchers. With the successful completion of a number of grant-funded projects in the previous year, the total amount of funding in 17-18 decreased to just under a \$1 million. Dawson researchers were awarded six new grants from federal and provincial funding agencies in this academic year. They were active in publishing and presenting their research nationally and internationally, for academic and non-academic audiences, as well as collaborating with external partners and organizations.



DAWSON RESEARCH ACTIVITIES
2017-2018

SOCIAL SCIENCES

PSYCHOLOGY

Catherine Fichten

Catherine's sleep research focuses on the following areas: obstructive sleep apnea and primary care, metabolic syndrome and obstructive sleep apnea, definition and predictors of good and poor sleep quality, insomnia and diabetes, obstructive sleep apnea, sleepiness and driving safety, sleep and insomnia in first time mothers 2 and 6 months post-partum. The goal of her research is to examine referral of primary care patients for obstructive sleep apnea screening, to examine comorbidities of obstructive sleep apnea and insomnia, and to evaluate the long-term consequences of treating obstructive sleep apnea on daytime functioning and metabolic syndrome components. This work is expected to result in better diagnostic practices, and more effective treatment of obstructive sleep apnea and its comorbidities.

- Rizzo, D., Lavigne, G., Libman, E., Rompré, P., Creti, L., Bailes, S., & Fichten, C. (2018). Self-reported driving violations as a putative mirror measure of real-world driving quality in individuals with and without Obstructive Sleep Apnea. *Transportation*. March 12.
- Rizzo, D., Lavigne, G., Bergeron, J., Creti, L., Baltzan, M., Bailes, S., Fichten, C., & Libman, E. (2018). The role of fatigue and sleepiness in drivers with obstructive sleep apnea. Submitted to *Sleep and Breathing*, March
- Rizzo, D., Libman, E., Creti, L., Baltzan, M., Bailes, S., Fichten, C., & Lavigne, G. (2018). Determinants of policy decisions for non-commercial drivers with OSA: An integrative review. *Sleep Medicine Reviews*, 37, 130-137. doi:10.1016/j.smrv.2017.02.002
- Bailes, S., Fichten, C. S., Rizzo, D., Baltzan, M., Grad, R., Pavilanis, A., Creti, L., & Libman, E. (2017). The challenge of identifying family medicine patients with obstructive sleep apnea: Addressing the question of gender inequality. *Family Practice*, 34(4), 467-472. doi:10.1093/fampra/cmz008
- Creti, L., Libman, E., Rizzo, D., Fichten, C. S., Bailes, S., Tran, D.-L., & Zekowitz, P. (2017). Sleep in the postpartum: Characteristics of first-time, healthy mothers. *Sleep Disorders*, Volume 2017. doi:10.1155/2017/8520358

Refereed Conference Presentations:

- Bailes, S., Rizzo, D., Tran, D.-L., Conrod, K., Capozzolo, B., Baltzan, M., Grad, R., Pavilanis, A., Amsel, R., Creti, L., Fichten, C., & Libman, E. (2017, June). What symptoms motivate family medicine patients to pursue sleep apnea screening? Presentation at the 31st Annual Meeting of the Associated Professional Sleep Societies (APSS), Boston, Massachusetts.
- Creti, L., Fichten, C., Bailes, S., Rizzo, D., Tran, D.-L., & Libman, E. (2017, June). Sleep in the postpartum: Actigraphy and sleep diary data. Presentation at the 31st Annual Meeting of the Associated Professional Sleep Societies (APSS), Boston, Massachusetts.
- Libman, E., Bailes, S., Fichten, C. S., Rizzo, D., Creti, L., Baltzan, M., Grad, R., Tran, D. -L., Conrod, K., & Amsel, R. (2017, June). Adherence to CPAP treatment in women with obstructive sleep apnea. Presentation at the 31st Annual Meeting of the Associated

Professional Sleep Societies (APSS), Boston, Massachusetts.

Talks, Interviews, Presentations and Invited Addresses:

Fichten, C. (2018, February 6). Sleep, insomnia and things that go bump in the night! Presentation at the Dawson College Social Science Week, Montreal, Quebec.

Reports and Abstracts:

Bailes, S., Rizzo, D., Tran, D.-L., Conrod, K., Capozzolo, B., Baltzan, M., Grad, R., Pavilanis, A., Amsel, R., Creti, L., Fichten, C., & Libman, E. (2017). What symptoms motivate family medicine patients to pursue sleep apnea screening? *Sleep*, 40 (Abstract Supplement), A182. doi:10.1093/sleepj/zsx050.486

Creti, L., Fichten, C., Bailes, S., Rizzo, D., Tran, D.-L., & Libman, E. (2017). Sleep in the postpartum: Actigraphy and sleep diary data. *Sleep*, 40 (Abstract Supplement), A305. doi:10.1093/sleepj/zsx050.823

Libman, E., Bailes, S., Fichten, C. S., Rizzo, D., Creti, L., Baltzan, M., Grad, R., Tran, D. -L., Conrod, K., & Amsel, R. (2017). Adherence To CPAP treatment in women with obstructive sleep apnea. *Sleep*, 40 (Abstract Supplement), A302. doi:10.1093/sleepj/zsx050.816

Tests and Tools / Measures:

Jorgensen, M., & Fichten, C. (2017). Coding manual for the sleep quality study. Montréal: Dawson College.

Rajesh Malik

Students in his Brain and Behavior and Thinking and Memory courses, respectively, did research-based projects, which they will be presenting at Science Fest at Dawson College and as a poster presentation at an exhibition at Marianopolis College.

“An Experiment on the Conjunction Fallacy”

by Rebecca De Luca, Katia Durelle, Samantha Torres Sasso

“An Experiment on the Rubber Hand Illusion”

by Rebecca De Luca, Alessandra Mirarchi, Samantha Torres Sasso

“Verbal Overshadowing Effect”

by Erin Allen-Flanagan, Lily Luber and Alexis Thérien

Sam Parkovnick

“William McDougall on instincts.” Paper presented at the 49th Annual Meeting of Cheiron, Mississippi State University, Starkville, Mississippi. June 25, 2017.

Anna-Liisa Aunio, Sociology

Anna-Liisa and her team continued working in the third year of their SSHRC-funded project, “Food Justice and Sustainability: Mobilizing new technologies to transform cities and build communities of change.” She involved students from her course, Advanced Topics: Sociology of Food and Advanced Environmental Studies, in her research. Three students were interns at the Institute for Health and Social Policy at McGill: Dylan Davies, Laura Glenn and Chloe Sautter-Leger.

Conference Presentations:

Aunio, Anna-Liisa. April 26, 2017. “Sharing our Knowledge on Food Justice,” Forum, Sustainable Campuses Initiative, Dawson College, Montreal, QC.
Martorell, Hugo. Feb. 3rd, 2018. Mapping Montreal’s food systems. Concordia Food Coalition. Transitions Conference 2018.

Conferences Organized:

April 26, 2017. Sustainable Campuses Forum (with Gisela Frias), Dawson College, Montreal, QC.
May 3-2, 2017. Food Justice: Bridging Action and Theory, Forum in Collaboration with Institute for Health and Social Policy, IHSP, McGill University, Montreal, QC, and Grand Potager, Verdun, QC

Social Innovation Events Organized:

Sep 12, 2017. Towards a National Food Policy. A Consultation with Food Secure Canada, Dawson College. This event also involved students from Dawson.
Oct. 25, 2017. Spaces and Participation in Food Governance: From the Local to the Regional, Dawson College.
Mar 2, 2018. Mapping Montreal’s Food Assets, Dawson College.

Neighborhood Food Policy Consultations Presentations:

Jones, Maxwell. October 23, 2017. Verdun Food Assessment Results. Concertation en développement social de Verdun, Verdun, QC.
Janvier, Gaelle and Anna-Liisa Aunio. March 15, 2018. Sud-Ouest Food Assessment Results. Direction de l’arrondissement, Sud-Ouest, Montreal, QC.

Chris Adam, Sustainability

Chris received the YMCA “PIP” award for lifetime contribution to *Non nobis Solum (not for ourselves alone)*. The “Pip” Award recognizes Chris’s lifetime dedication to the environment and education, and as an inspiration to young people to take action to build a sustainable future.

He continued to work with his colleagues, Gisela Frias and research partners, on sustainability activities and their influence on altruism, as part of their CCSIF project. He was advisor on several

thesis papers by engineering students in Mexico studying Dawson's carbon footprint. With colleagues from three other cegeps, he received an ECQ Grant for Action Research projects. He was a speaker at local and international sustainability-related conferences, forums and symposia over the course of the year.

Furman University, USA – Living Labs
Concordia University, QC – Living Campus
Cape Breton University, NS – Living Campus
UPEMOR University, Mexico – Creativity for Change
UPN University, Mexico – Living Campus
Preparatoria Tres Marias, Mexico – Living Campus
National Climate Change Coalition Webinar – Dawson's Carbon Neutral Project
Dawson College – Living School Symposium – Attributes of Living Schools

Conferences attended:

Two-day National Summit on Teacher & Staff Well-Being, McConnell Foundation

Development:

Chris implemented Sustainable Happiness Certificate for Dawson's Quality Assurance & Planning Office and is working on a training manual for Sustainable Happiness facilitation with Dr. Catherine O'Brien. He developed a bold 5-year sustainability plan for Dawson College, engaging over 125 people in focus groups and meetings.

Chris spoke about Dawson's Peace Garden and Living Campus in an article published in the Corporate Knights Magazine: <http://www.corporateknights.com/channels/education/garden-of-peace-15210900/>

Gisela Frias, Geography

Gisela and her team worked on their SSHRC funded project, "Sustainable Campuses: A North-South Research and Action Community." They continued data gathering activities in Mexico and at Dawson, and supported sustainability projects at research partner institutions in Mexico. These "sustainability challenges" included composting, reuse of materials, conservation, and other projects. They also created a series of workshops called "sustentours" to establish spaces for learning about environmental issues as well as motivate group building and strengthening. The project supported student internships for Dawson students and undergraduate and graduate student scholarships in Mexico to complete their sustainability-related projects. Six Dawson students, from the Community Leadership and Recreational Training as well as Environmental Science and Environmental Studies participated in these internships this past year. The team organized their annual forum: the first part of the "Fourth Itinerant Binational Forum: Plow, Sow, Harvest" took place in Morelos from March 14-16, 2018 and the second part in Montreal from April 16 – 20, 2018. They made a series of Youtube videos and shared their activities through their blog, Facebook page and in other public spaces.

Frias, G and Montes L. Sustainable Campuses. "Tradicion y Sustentabilidad". YouTube. January 31, 2018. <https://youtu.be/8qNa1Y8BIR0>

Frias, G. and Montes L. Sustainable Campuses. “Bienestar y Convivencia en Planteles Educativos Sustentables”. YouTube. March 4, 2018. <https://youtu.be/ETIIg8vgY9M>

Denise Brend, Social Service

Research Fellow, CIUSS ODIM and the Centre for Research on Children and Families *Groupe d'intégration clinique: violence conjugale* (2016-2017)

Peer Reviewed Conference Presentations:

Brend, D.M. (2018, March). “Epistemic Trust: a potential result of workplace social support amongst clinicians exposed to client trauma.” Bridges to the Future: the impact of trauma and dissociation on human dignity: local and global perspectives, International Society for the Study of Trauma and Dissociation 35th Annual Conference, Chicago, Il.

Bogossian, A. & Brend, D.M. (2017, May). “The Interpretive Phenomenological Analysis Workgroup: Balancing power in pedagogy through a collaborative grassroots learning initiative.” Interrogating social work in “Nation” building, Canadian Association of Social Work Education Annual Conference, Toronto, Ont.

Boatswain-Kyte, A., Pelletier, S., & Brend, D.M. (2017, mai). « La recherche participative de l'action qui bouge : le point de vue des étudiants impliqués dans la recherche en partenariat. » Présentation orale présentée à l'Association francophone pour le savoir, Montréal.

Brend, D.M. (2017, April) “Social Work and Trauma: The Dynamic Process of Social Support Described by Intimate Partner Violence Clinicians.” The Ripple Effect: Trauma & Dissociation in the Mainstream, International Society for the Study of Trauma and Dissociation 34th Annual Conference, Washington, D.C.

Service:

Disciplinary Member, Research Ethics Board, Dawson College (2016-present)

Member, Physical Space Committee, 2017-2018

Co-chair, Interpretive Phenomenological Analysis Workgroup, special interest group of the McGill Qualitative Health Research Group (2015-2018)

Charles-Albert Ramsay, International Business Studies Profile

His research is in line with teaching Advanced Economics at Dawson College (383-401-DW) and at Kiuna Institution (383-3FN-DW).

The Geographic Dispersion of Aboriginals in Quebec and its Economic Limitations. *Journal of Aboriginal Economic Development*. Volume 10, n. 2, 2017, pp. 157-166. As retrieved from:

<http://www.edo.ca/downloads/jaed-toc-vol-10-issue-2.pdf>

Julie Wong, Business Administration

Julie has been developing active learning techniques in both flipped and face-to-face classes with

great success since 2016. She saw a dramatic increase in student success and a significant increase in the class average for courses that were often problematic courses in the department. Since then, she has developed this technique in several different courses. Briefly, the pedagogy is that new learning happens through class videos with active learning techniques, such as interactive questions or online homework. The flipped class alternates with face-to-face classes in the smart classroom where she reviews topics and assigns higher-level tasks using collaborative active learning techniques to reinforce the learning. She co-wrote an article with Ryan Moon to explain the pedagogy, published in ProfWeb. In addition, she created a series of nine videos, made available on the e-learning website of Dawson College. This year she gave a presentation to a delegation from China on the flipped hybrid collaborative active learning pedagogy. The delegation included 25 educators including the Deputy Minister of Education of Hunan province. She has also given presentations to Dawson teachers in the e-learning and DALC community meetings. Next year, she will work with 15 teachers who would like to transform a course using this pedagogy.

HUMANITIES

Abid Bahar, Humanities

Conference Presentations and Public Presentations:

Nov. 16, 2017: George Washington University on Political Leadership in Burma.

Nov. 19, 2017: York College, New York and Bhasani Foundation, Jackson Heights on Political Leadership in Bangladesh.

Nov. 21, 2017: John Abbott College, Montreal on Political Leadership in Burma.

Mar. 16, 2018: Expert Witness testimony, Refugee and Immigration Board of Canada.

Noah Brender, Humanities

"Symmetry-breaking dynamics in development." *Phenomenology and the Cognitive Sciences* September 2017, Volume 16, Issue 4, pp 585-596.

<https://link.springer.com/article/10.1007/s11097-017-9521-3>

"On the Nature of Space: Getting from Motricity to Reflection and Back Again." Chapter 7 in *Perception and its Development in Merleau-Ponty's Phenomenology*, Eds. Kirsten Jacobson and John Russon (June 2017).

<https://utorontopress.com/us/perception-and-its-development-in-merleau-ponty-s-phenomenology-1>

Ian A. Cuthbertson, Humanities

Cuthbertson, Ian Alexander. 2017. "Atheism and its Consequences." In *Fabricating Identities*. Ed. McCutcheon, Russell T., Sheffield: Equinox.

Daniel Goldsmith, Humanities

In fall 2017, he organized three speakers at Dawson. Combined, the attendance at these talks was over 500 people. Based on the themes of those talks, he developed three entire classes that are now hosted on the saltise.ca website.

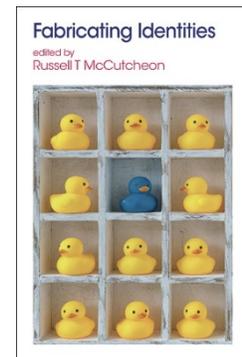
Fleet Maull: "Mindfulness, Trauma, and Peacemaking in the 21st Century"

Rachel Yehuda: "Can Trauma be Transmitted Intergenerationally?"

Brad Warner: "Who am I?"

Janice Harvey, History

She is doing research on a new project, "The evolution of an institution: changing with the times? The Boys' Home of Montreal, 1900-1940," in addition to completing her FRQSC-funded team project on questions of poverty and vulnerability in nineteenth and twentieth century Montreal.



She also worked with five university students over the year, building and analyzing a database for a chapter in her upcoming book, providing research assistance for her conference presentations and the preparation of a museum exhibit on marginality. She was a member of a thesis jury in the department of history at Université Laval in April 2018.

Publications:

Janice Harvey, "“Endangered” Children and the Montreal Ladies’ Benevolent Society Industrial Society School, 1883-1921,” in Jean Trépanier and Xavier Rousseaux, eds., *Youth and Justice in Western States, 1815-1950, From Punishment to Welfare*, Palgrave Macmillan, 2018, 131-160.

Jean-Marie Fecteau and Janice Harvey, “Montreal’s Network of Social Regulation,” in *Montreal, The History of a North American City*, Vol. 1, Dany Fougères and Roderick MacLeod, eds., McGill Queen’s University Press, 2018, 670-708.

Conference presentations:

“The Sherbrooke Reformatory for Protestant Boys: Tensions in the Child Protection System in Nineteenth-Century Quebec,” Social Science History Association, November 2018.

“L’école de réforme de Sherbrooke: modalités de contrôle social et séparation public-privé,” Institute d’histoire d’Amérique française, October 2017.

Elizabeth Kirkland, History

She completed the first year of her grant-funded project, *Modernité et savoir à Montréal, 1815-1985* (FRQSC).

Publications:

Charlotte Smithers (Learmont), *Dictionnaire biographique du Canada/Dictionary of Canadian Biography*, published 18 April 2018.

Available: http://biographi.ca/en/bio/smithers_charlotte_16F.html and http://biographi.ca/fr/bio/smithers_charlotte_16F.html

Conference Presentations:

"Teaching in Colonized Classrooms: Creating Deeper and More Empathic Dialogue *Lily Conference on Evidence-based Teaching and Learning*, Austin, Texas 4-6 January, 2018

"Reforming City Hall as Voters: Women and Montreal's Municipal Election of 1910", May Day Conference, Groupe d'histoire de Montréal, 23 April 2018.

Susan-Judith Hoffman, Humanities and Philosophy

The Journals Publishing Division of the Johns Hopkins University Press published her book review of Adam Buben’s *Meaning and Mortality in Kierkegaard and Heidegger*, Northwestern University Press, 2016 in the January 2018 issue of *Journal of the History of Philosophy*.

In August 2017, she attended a workshop on Fichte in Munich at the University of Munich. Forthcoming publication projects will be presented in the form of a paper at the International Fichte Gesellschaft meeting in Aix en Provence in October 2018.

Maia Johnson-Stepenberg, Humanities

Johnson-Stepenberg, M. (2018) *Against Nihilism: Nietzsche Meets Dostoevsky*, Chicago, IL: Black Rose Books

<http://blackrosebooks.net/products/view/Against+Nihilism:+Nietzsche+Meets+Dostoevsky/83464>

Julian Nemeth, Humanities and Philosophy

“The Case for Cleaning House: Sidney Hook and the Ethics of Academic Freedom during the McCarthy Era.” *History of Education Quarterly*. Vol. 57, No. 3, August 2017. 399 – 426.

He edited *Studies in Subjective Well-Being*, an online journal of student research. The articles cover a wide range of topics, including music therapy, eating and identity, and cognitive behavioral therapy.

Jennifer Koopman, Humanities

Conference Paper on Scottish dialect in the work of Victorian polymath George Macdonald: "Donal's Doric Skirmish and the Rise of the Critic Hero." Presented July 19 - 21, 2017 at "George MacDonald's Scotland," University of Aberdeen.

An expanded version of the conference paper, entitled "Donal's Doric Skirmish and the Rise of the Critic Hero," will be published in a forthcoming edition (2018-19) of *The Journal of Scottish Thought*.



Mariam Sambe, Humanities

Conference Presentations:

The Effect of Edutainment on Students' Learning: A Meta-Analysis, *OISE's 18th Annual Graduate Student Research Conference*

Ethiopian Youths Speak out through Media Arts, *Artful Inquiry Symposium*, McGill University.

Education or Entertainment? Assessing the Data on Learning, *Humanities & Public Life Conference*, Dawson College, QC

Research Award:

Graduate Mobility Award for Research, Concordia University

Research Creation Project:
Exhibition: Photovoice project on HIV/AIDS: Addis Ababa, Ethiopia

Dissertation Defence Scheduled:
Solving the HIV/AIDS Crisis in Ethiopia: Is Formal AIDS Education the Best System? Concordia University (Spring 2018)

Carl Saucier-Bouffard and Valery Giroux, Humanities

V. Giroux & C. Saucier-Bouffard, "Animal Justice as Non-Domination" in Linzey (ed.), *The Palgrave Handbook of Practical Animal Ethics* (Palgrave, April 2018).

Eliza Wood, Humanities

"The Shape of Your Skull: The Rise and Decline of Scientific Racism" Dawson College Humanities and Public Life Conference, September 18, 2017.

"Racism and the Persistence of Scientific Myth" Dawson College Inspire Solutions, published February 28, 2018. This article is a condensed version of her conference talk:
<https://inspire.dawsoncollege.qc.ca/2018/02/28/racism-and-the-persistence-of-scientific-myth/>

Stacey Zembrzycki, History and Classics

Funding (with Nancy Rebelo): Concordia University Internal Funding for *Survivors on the Main*, Walking Historical Tour (\$1,000)

Katrina Srigley and Stacey Zembrzycki (co-editors). Special Section on "Decentering and Decolonizing Feminist Oral History." *Oral History Review* 45, no. 1 (Winter/Spring 2018): <https://academic.oup.com/ohr/issue>

Anna Sheftel and Stacey Zembrzycki. "Slowing Down to Listen in the Digital Age: How New Technology is Changing Oral History Practice." *Oral History Review* 44, no. 1 (Winter/Spring 2017): 94-112: <https://academic.oup.com/ohr/article-abstract/44/1/94/3059832?redirectedFrom=fulltext>

Michael Wood, Humanities

"Witches and Demons: The Occult in Two Hammer Films from the 1960's." *Monstrum* Volume 1, Issue 1 (April 2018): 135-161. Available on-line at: <https://www.monstrum-society.ca/>

Joseph Rosen, Humanities

Rosen, J. (2018) The Enemy Next Door. *The Walrus*. <https://thewalrus.ca/left-v-right/>

CREATIVE AND APPLIED ARTS

CINEMA-COMMUNICATIONS

Reisa Levine

In the Winter semester 2018, she worked on a project funded by ECQ – VTÉ. Dawson's Cinema-Communications Emergent Media class paired up with cegep André Larendeau's Interactive Platforms course for a special collaboration. Activities include co-teaching over video conferencing platforms, teaming-up for museum visits, a collaborative technology workshop and finally working in groups across the two cegeps on students' final creative projects. The results will be compiled at the end of this experience this June.

In July 2017, she was a judge and invited guest at the SeriousPlay conference. <https://seriousplayconf.com/> Judging activities included the in-depth evaluation and critique of a series of educational games submitted by a variety of international developers, ranging from well-known companies to independent producers. Winners for all categories were announced at the conference gala. This experience is helping to structure classroom activities and the creation of a Cinema & Media History game, which is currently in pre-development.

Dipti Gupta

She received funds from Dawson's Professional Development Fund and a small grant from Concordia for researching the construct of Masculinity and Misogyny in Indian Cinema. Dipti directed the South Asian Film Festival of Montreal (<http://www.saffm.centrekabir.com>) last year (2017) and will be doing the same again this year. She sits on the board of Teesri Duniya Theatre. She directed a short studying the construct of Mythology, Marriage, Motherhood, Masculinity and Misogyny in the Bollywood film, *Kabhi Khushi Kabhi Gham*: <https://vimeo.com/246898246>. She was featured in an article summarizing her activities over the last year: <http://theconcordian.com/2018/01/passion-justice-filmmaking/>.

Myriam Rafla

In 2017, she received Moses Montefiore Fellows Graduate Scholarship at Concordia University. She presented her thesis research at the Institute for Canadian Jewish Studies in October 2017. Last summer, in July 2017, she presented a paper at the European Communications Research and Education Association (ECREA) Summer School in July, and participated in a Multimedia Exhibition at Concordia University's Curating and Public Scholarship Lab (CaPSL) in June.

Kim Kathleen Simard

Kim worked with students to create two exhibits for the Resist Violence initiative that she started with Pat Romano. <https://inspire.dawsoncollege.qc.ca/resist-violence/the-project-and-logo/>

She did outreach to John Abbott College and the Atwater Library regarding It Happens Here (the online sexual assault awareness campaign) <http://ithappenshere.dawsoncollege.qc.ca>. As part of this initiative, and the annual Humanities and Public Life conference at Dawson, she organized a public reading event called Survivor Stories, an anonymous reading of testimonials about sexual assault that were published on the It Happens Here website. During Social Science Week, she was the facilitator for the talk on Drag and Resistance in Queer and Peace and gave an introduction to the Safer Spaces project at Dawson with a group of panelists.

Cheryl Simon

Editor and co-author of monograph on artist Romany Eveleigh, *Romany Eveleigh: Paintings and Works on Paper*, Galeries Bellemare-Lambert and Twin Press, Montreal, 2018.

As a WID project participant with Myriam Rafla, she created an online 'tool-kit' resource for teaching and studying new documentary forms (installation, interactive media). It will be completed in the summer. She gave two seminars in the MFA Studio Arts program at Concordia University; one on *Screen Culture* and the other on social and political dimensions of contemporary art, titled *Does Art Matter?*

Bruce Lambie, Professional Theatre

This past summer, he produced and directed *God is an Iron*, a one act play adapted from the novel *Mindkiller* by Spider Robinson. *God is an Iron* explores themes of clinical depression and childhood abuse. It examines the question of why someone would choose to commit suicide. He and his team adapted the piece over a number of years with input from Mr. Robinson himself, as well as drawing on the expertise of Dr. Norman Hoffman, a local psychiatrist. They have presented the play in a variety of venues, from MainLine Theatre in Montreal to the 73rd World Science Fiction Convention in Spokane, WA in 2015. This summer's presentation took them to the Winnipeg Fringe Festival, where they presented at the School of Contemporary Dancers. The feedback they got from the audience was really touching.



L-R: Mylène Chicoine as Karen, Calder Levine as Joe

FINE ARTS

Emma Doubt, Art History, Fine Arts

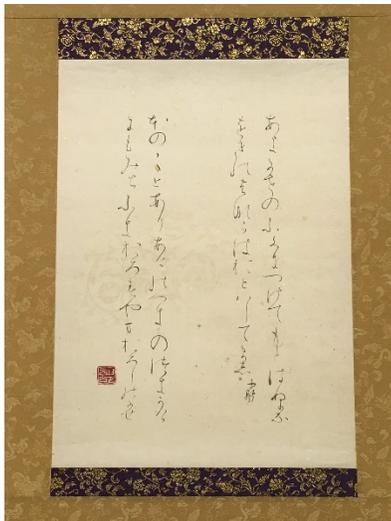
She completed a PhD in Art History, awarded by the University of Sussex on March 8, 2018. Her thesis title is *Portraiture, Material Culture, and Photography in the Cherokee Nation's "First Family", 1843-1907*. She was a contributing author for *A Chronology of Art*, edited by Iain Zaczek (London: Thames & Hudson), January 2018.

Beverly Sing, Humanities

She exhibited her Japanese Calligraphy in national and international exhibitions.

10th Annual Japanese Calligraphy Competition in Canada (Toronto, November 2017)

Japanese Calligraphy scroll with two autumn poems from the *Wakan Roei Shu* was awarded a Silver Prize and exhibited at the Japanese-Canadian Cultural Centre in Toronto, Nov. 4-12, 2017.



46th Exhibition of the International Calligraphers Association (Tokyo, August 2017)

Japanese Calligraphy scroll with a haiku poem. It was awarded a Prix d'Excellence and exhibited at the Tokyo Metropolitan Museum (August 4-12, 2017).

Kate Hutchison, Photography

There was a solo exhibition of her “The Park” series at Album Gallery in Toronto, Ontario. “The Park” is made up of images from Mount Royal park, taken over a two-year period.

She exhibited one image as part of a group show about working parents, *Showing (Work x Family)* at Mazmanian Gallery, McCarthy Center, Framingham State University, MA, USA. Other artists in the show were Lauren Greenfield, Sylvia Plachy, Arlene Gottfried and Andrea Modica.

FRENCH LITERATURE

Chantale Giguère and Laurent Duval

Supported by ECQ and working in collaboration with Office québécois de la langue française (OQLF) and Dawson's CTD, they developed a new online course to prepare candidates from all professional orders for the new OQLF exam. The course was offered in fall 2018. Chantale and Laurent also created a new online French course designed for professionals who need to improve their communication skills for the workplace. This course was offered in spring 2018. In collaboration with Dawson OAD and IST, Chantale Giguère is leading the Dawson E-Learning Community of Practice to facilitate the sharing of resources, strategies and best practices on online teaching across disciplines.

Djemaa Maazouzi

Djemaa Maazouzi's field of study is French-language literature of the 20th and 21st centuries and her research focuses on colonial and independence-era literature in both the colonies and the home country. Her work takes its methodology from both literary sociocriticism and intermedial studies and questions the links between history, politics and literature.

Publications:

Djemaa Maazouzi (dir.), « Fictions du terrorisme dans l'espace francophone », Numéro spécial, Vol. 2, n° 1 (2017), [<https://ejournals.library.ualberta.ca/index.php/af>].

Djemaa Maazouzi, « De scènes terroristes et d'imaginaire social », dans Djemaa Maazouzi (dir.), « Fictions du terrorisme dans l'espace francophone », Numéro spécial, Vol. 2, n° 1 (2017), i-xii. [<https://ejournals.library.ualberta.ca/index.php/af>]

Conference presentations:

Djemaa Maazouzi, « *Le Verfügbar aux enfers*. Notes sur une "opérette" à Ravensbrück », conférence donnée au séminaire mensuel du CRIST (Centre de recherche interuniversitaire en sociocritique des textes), Université du Québec à Montréal, Montréal, le 26 janvier 2018.

Djemaa Maazouzi, « Le partage des mémoires de la guerre d'Algérie au cinéma », Colloque « La Guerre d'Algérie au cinéma », organisé par L'Espace Parisien Histoire Mémoire Guerre d'Algérie (EPHMGA), Auditorium de l'Hôtel de ville de Paris, Paris, le 5 octobre 2017.

Djemaa Maazouzi, « Reconsidérer : transformer son expérience en connaissance », Humanities and Public Life Conference, "Reconsiderations", Dawson College, Montréal, le 21 septembre 2017.

Djemaa Maazouzi, « Procès-rencontre-retour. De la scénographie mémorielle », Atelier « 1962 aujourd'hui : performances mémorielles et défis patrimoniaux », Musée des Civilisations de l'Europe et de la Méditerranée (Mucem), Marseille, le 19 juin 2017.

She was a peer reviewer this year for:

- *Alternative Francophone* : <https://journals.library.ualberta.ca/af/index.php/af>

- CINéMAS : <http://www.revue-cinemas.info/index.php?page=index>
- Intermedialités : <http://intermedialites.com>
- Cahiers ReMix : <http://oic.uqam.ca/fr/cahiers-remix>

Christian Paré

Cap sur le Saint-Laurent, coll. « Carnets de navigation », no 3, UQAM, avril 2018, sous le pilotage de Karine Legeron et André Carpentier. (Ouvrage collectif)

Saisir Venise au-delà de la représentation que nous nous faisons d'elle, coll. « Carnets de navigation », UQAM, mars 2018, sous le pilotage de Roxanne Lajoie et André Carpentier. (Ouvrage collectif)

Lien Internet : <https://latraverseegeopoetique.com/2018/03/28/double-lancement-cap-sur-le-fleuve-et-saisir-venise/>

Passages, carnets de la montagne, Marie-Ève Desrochers Hogue, coll. « Éclats », La Traversée, UQAM, 2017. (Dessin de la couverture : Christian Paré)

Lien Internet : <http://latraversee.uqam.ca/latraversee.uqam.ca/passages-carnets-de-la-montagne.html>

Véronique Millet



Véronique studied French language and literature as well as art history. Her research focuses on the work of Marcelle Ferron and the notion of transparency, and more generally on visual arts in Quebec. She participated in an international colloquium in the Czech Republic in October 2017.

« René DEROUIN : art et américanité », « The Americas in Canada – Les Amériques du Canada », organisé par la Faculté des Arts, Université Masaryk (République Tchèque), 20-21 octobre 2017.

ENGLISH LITERATURE

Marie Thérèse Blanc

She was interviewed for her recent photography featured in issue 51 of American photography magazine *Inspired Eye* (November 2017).

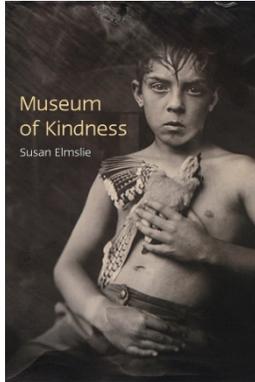
Theatre review titled "Mapping Grief While Fooling Hades" (30 (4) *Montreal Serai*, July 2017)

Stewart Cooke

He received a SSHRC Insight Grant (2018-2021) in March 2018 to work on volume 4 of a scholarly edition of the letters of English musician and composer, Charles Burney.

"'We Want You at Twickenham': Frances Burney and the 'Cantabs.'" *Eighteenth-Century Life*. 42.2 (2018): 94–111.

Susan Elmslie



She published a book of poems titled *Museum of Kindness* (Brick, 2017), which has been long-listed for the Pat Lowther Memorial Award. She was the subject of a feature interview about this collection in the Spring 2018 *Montreal Review of Books*: <http://mtlreviewofbooks.ca/reviews/museum-of-kindness/>

She was also an invited featured reader at the gritLIT Poetry Festival in Hamilton, on April 12, 2018 and will participate as an invited panelist at the Massachusetts Poetry Festival on May 5 and as an invited reader in the Planet Earth Poetry series in Victoria on May 25th.

Louisa Hadley

Louisa Hadley, "Teaching Neo-Victorian Literature" in *Teaching Victorian Literature in the 21st Century: A Guide to Pedagogy*. Eds. Jen Cadwallader and Laurence W. Mazzeno. Palgrave Macmillan, 2017.

Anna Lewton Brain

Review of *The Noble Flame of Katherine Philips: A Poetics of Culture, Politics, and Friendship*, ed. David L. Orvis and Ryan Singh Paul for *Seventeenth-Century News*, vol. 77, 2017. Nos. 3&4. 100-104.

Conference Papers, Public Talks, and Workshops:

"Dynamic Conversions: Grief and Joy in George Herbert's Musical Verse." Presented on 16 February 2018 at the *Objects of Conversion in Early Modern Europe Conference* at The Center for Medieval and Renaissance Studies, UCLA, Los Angeles.

"Shakespeare's Meter and Music in *The Tempest*." Invited lecture presented on 14 August 2017 for the Early Modern Conversions summer seminar, *Theatre, Masque, and Opera in England and Italy, 1580 to 1650: Performance Practices and Cognitive Ecologies* at McGill University, Montreal.

"Dynamic Conversions: Grief and Joy in George Herbert's Musical Verse." Presented on 20 May 2017 at the *Fifth Triennial George Herbert Conference*, Universities of the Sorbonne Nouvelle (Paris 3) and the Sorbonne (Paris 4), Paris.

“Converting Sounds” (workshop). Invited participant and presenter 5-7 June 2017 at the Guildhall School of Music and Drama, London, UK.

Sabine Sautter-Léger and Bassel Atallah

They were part of a panel evaluating English grammar and style textbook *The Bare Essentials* and its related online learning tool, MindTap, for publication of the upcoming 10th edition.

Kristopher Woofter

He teaches courses on horror, the American Gothic and the Weird tradition in literature and the moving image in the English Department. He is Co-Editor of *Monstrum* and Associate Editor of *Slayage: The Journal of Whedon Studies*. He served for ten years (2007-2017) as co-chair of the Horror Area of the Popular Culture Association. His essay, "Watchers in the Woods: Meta-Horror, Genre Hybridity, and Reality-TV Critique in *The Cabin in the Woods*," won the Whedon Studies Association's "Mr. Pointy" Award for outstanding short-form scholarship in Whedon studies. He was also selected as valedictorian for the November 2017 Concordia University convocation. Kristopher is also a programmer for the Montreal Underground Film Festival and co-coordinator of the Montreal Monstrum society.

Publications:

- 20 April 2018, Essay. “Radical Diversion: Attractions Politics in the Horror Pseudo-documentary *The Hellstrom Chronicle*.” *MONSTRUM*. 1 (1). April 2018.
- 20 April 2018, Editor. “‘The Death of Death’: A Memorial Retrospective on George A. Romero.” *MONSTRUM* 1(1). April 2018.
- 20 April 2018, Article. “*Monkey Shines: An Experiment in Fear and The Dark Half*.” In “‘The Death of Death’: A Memorial Retrospective on George A. Romero.” *MONSTRUM* 1(1). April 2018.

NATURAL AND HEALTH SCIENCES

Tonia De Bellis, Biology

Conference Presentations:

“Soil microbes do not promote invasion by Norway maple (*Acer platanoides*) through facilitation, but perhaps via enemy release,” Quebec Center of Biodiversity Science Annual Symposium. December 13, 2017. Montreal, QC.

She got a seed grant from the Quebec Centre for Biodiversity Science (QCBS) with collaborators, SW Kembel (UQAM) and D Gravel (Universite de Sherbrooke) for a project titled, “Linking sugar maple root microbiome structure with seedling establishment across a species range.”

Yann Brouillette, Chemistry

He continued to work in educational research as part of Elizabeth Charles’ PAREA grant team.

Conference presentations and workshops:

Franco-Fête invited speaker (90 minutes): "La chimie des super-héros", March 19th 2018, Dawson College.

SALTISE Annual conference: "Using Comic Book Characters and Collaborative Technologies to Redesign a Chemistry Course", Jun. 5th, 2017, Concordia University.

College Chemistry Canada conference: "Comic Book Chemistry part 7 WET PEN OF MASKED REACTIONS", May 28th 2017, University of Toronto.

Dawson College Ped day presentation: "Actively using SMART Notebook software - Intermediate level", Oct. 13th 2017, Dawson College.

SALTISE Annual conference: "Using Visual Classrooms online platform", Jun. 6, 2017, Dawson. Ed Tech Week: "Using Perusall, an online annotation platform", Feb. 14th 2018, Dawson College.

Videos Created:

YouTube Channel: CHEM CURIOUS

A series of 10 new videos on the chemistry of comic book phenomena

<https://www.youtube.com/watch?v=pors2NhLtQ0&list=PLu0O4zSZ74I4rZWMW7qLh0bqn7E7VXzBD>

Training sessions given:

"Using Hitachi Starboard for beginners", May 30, 2017, Orchard House Daycare.

MATHEMATICS

Richard Fournier

He continued working on his theoretical research funded through two grants.

2017-2019: Programme de recherche pour les chercheurs de collège (FRQNT, Quebec)

2017-2021: Soutien salarial pour chercheurs de collège (Regroupements stratégiques, FRQNT, Quebec).

Publications: (*Note that * indicates a joint project with a Dawson student*)

(with St. Ruscheweyh), “Remarks on two inequalities for polynomials in the unit disk”, Progress in approximation theory and applicable analysis, 75-82, *Springer Optim. Appl.*, 117, Springer, Cham, 2017.

*(with Jon Boretsky), “The Divergence of the Harmonic Series”, *Dawson Research Journal of Experimental Science* 12 (2017), 21-22.

*(with Yasmine Abdrabo), “On the Riemann Rearrangement Theorem”, *Dawson Research Journal of Experimental Science* 12(2017), 19-20.

“On a new proof and an extension of Jack’s lemma”, *J. Appl. Anal.* 23 (2017), 21-24.

(with St. Ruscheweyh), “On two interpolation formulas for complex polynomials”, New trends in approximation theory, 225-234, Springer-Verlag, New-York, 2018.

*(with Brandon Ruffolo), “On divergent series with positive terms”, to appear in *Dawson Research Journal of Experimental Science* (2018).

“On Jack’s lemma”, submitted for publication (February 2017).

Papers under preparation:

(with Daniela Kraus and Oliver Roth), “A Schwarz lemma for locally univalent meromorphic functions and normal families”

*(with Jiahao Deng), “On universality of real series with respect to subseries”

(with Oliver Roth), “On Julia-Jack lemma”

Talks given in 2017:

« Sur les coefficients du binôme ». Dawson College, Camp mathématique de l’AMQ, June 2017.

“On two interpolation formulas,” Maria Curie-Skłodowska University(Poland), CMFT meeting, July 2017

“On Jack’s Lemma.” Universitaet Wuerzburg, Analysis Seminar, November 2017

“On an interpolation formula.” Universitaet Wuerzburg, Analysis Seminar, November 2017

“On an interpolation formula.” Winter Meeting of the Canadian Mathematical Society (Waterloo), December 2017.

For 2018, he has been invited to give talks in Quebec, Dublin (Ireland), Poland and Newark (Delaware).

Benjamin Seamone

He was awarded a NSERC Discovery Grant (2017-2022) for a project titled, "How do forbidden induced subgraphs impact global phenomena in graphs?" He also continued to work on graph theory through his FRQNT grant in the Programme de recherche pour les chercheurs de collège (2017-2020). He received CRM visiting professor travel award: This award will be used to support a sixth month research visit to the Laboratoire Bordelais de Recherche en Informatique at Université Bordeaux 1 next year. He is a member of the Centre de recherches mathématiques and Institut des sciences mathématiques, both in Montreal.

Ben completed his FRQNT grant project on solving graph theoretic problems related to cycles and paths in graphs. The major outcomes were:

- Advancement of the study of the cycle structure of graph classes characterized by forbidden induced subgraphs
- Initiation of the study of a new version of a pursuit-evasion graph searching model ("active cops and robbers")
- Progress on a graph covering problem ("edge clique covering") that arises from the study of food webs

The results of his research appear in one published article, with four more in preparation. Three Dawson College students participated in these research projects, one of whom presented the findings at the 2016 Canadian Undergraduate Mathematics Conference. He shared the results of the research at three conferences over the course of the project in 2015 and 2016.

Research conferences attended:

6th Canadian Discrete and Algorithmic Mathematics Conference, Toronto, ON

Conferences organized:

Beauty of Discrete Mathematics, Montreal, QC

Graduate students supervised:

Virgile Virgelot, MSc, Univ de Montreal

Other involvement of students in research:

Aaron Krim-Yee, Dawson College

Alexander Hassler, Dawson College

Jerry Huang, Dawson College

Fionn Mc Inerney, PhD, Univ Cote d'Azur

Alizée Gagnon, BSc, Univ de Montreal

Andrés Mejía Zacarías, BSc, Universidad Nacional Autónoma de México, supported by MITACS Globalink Research Internship

Outreach events:

Co-organized the Association mathématique du Québec Summer Camp, Dawson College

Co-led graph theory seminar at the Association mathématique du Québec Summer Camp, Dawson College

Kengatharam Thirulogasanthar

He continued working on his FRQNT-funded grant project “Coherent states, Frames, Wavelets and Orthogonal Polynomials on Quaternion Hilbert Spaces.” He also received a grant from the National group for Algebraic and Geometric Structures and their Applications (GNSAGA-INDAM) of Italy, where he did a research collaboration with I. Sabadini at the Politecnico de Milano from March to June 2017. In the first half of 2018, he was at University of Jaffna, Sri Lanka, working with research collaborators, B. Muraleetharan, S. Selvarajan, and S. Srisatkunarajah.

Accepted or published articles in journals:

- B. Muraleetharan, I. Sabadini, K. Thirulogasanthar, S-Spectrum and the quaternionic Cayley transform of an operator, *J. Geom Phys.*, 124 (2018), 442-455.
- B. Muraleetharan, K. Thirulogasanthar, I. Sabadini, A Representation of Weyl-Heisenberg Lie Algebra in the Quaternionic Setting., *Ann. Phys.* 385 (2017), 180-213., <http://dx.doi.org/10.1016/j.aop.2017.07.014>
- B. Muraleetharan, K. Thirulogasanthar, De_ficiency indices of some classes of unbounded H-operators, *Complex Anal. Oper. Theory* (2017) DOI: 10.1007/s11785-017-0702-4
- K. Thirulogasanthar, S. Twareque Ali, General construction of reproducing kernels on quaternionic Hilbert spaces, *Rev. Math. Phys.* 29 (2017) 1750017 DOI: 10.1142/S0129055X17500179.
- A. Askari Hemmat, K. Thirulogasanthar, and A. Krzyzak, Discretization of quaternionic continuous wavelet transforms, *J. Geom. Phys.*, 117 (2017), 36-49. <http://dx.doi.org/10.1016/j.geomphys.2017.02.013>.
- M. Khokulan, K. Thirulogasanthar, S. Srisatkunarajah, Discrete frames on finite dimensional left quaternion Hilbert spaces, *Axioms*. 2017, 6, 3; doi: 10.3390/axioms6010003: in the special issue on "Wavelet and Frame Constructions with Applications"
- G. Honnouvo, K. Thirulogasanthar, On the dimensions of oscillator-like algebras induced by orthogonal polynomials: non-symmetric case, *Rep. Math. Phys.* 79 (2017), 67-79. doi: 10.1016/S0034-4877(17)30021-6

Submitted articles:

- K. Thirulogasanthar, B. Muraleetharan, Squeezed states in the quaternionic setting. Submitted to Journal (available at arXiv: 1706.00686 [physics.math-ph.]
- B. Muraleetharan, S. Selvarajan, S. Srisatkunarajah, K. Thirulogasanthar, Lagrange multiplier local necessary and global sufficiency criteria for some non-convex programming problems. Submitted to Journal (available at arXiv: 1804.02270 [math.OC.]

Supervision:

- M. Khokulan (M. Phil, University of Jaffna, Sri Lanka), Co-supervisor, Thesis title: Frame theory on quaternion Hilbert spaces, (Started: 10-04-2013, completed: 10-03-2017.) Degree offered.
- B. Muraleetharan (M.Phil student, University of Jaffna, Sri Lanka), Supervisor, Thesis title:

Quaternionic reproducing kernel Hilbert space, November 2014-January 2018. Thesis submitted.

Naliman Zendewooh (Dawson College) Oscillatory properties of solutions of certain classes of differential equations. (Supervisor: In progress since November 2016).

PHYSICS

Maria Dikeakos

Maria was the Head Judge at the local stage of the Science-on-Tourne competition held at Dawson College on March 31, 2017 (<https://www.etsmtl.ca/nouvelles/2017/Fan-de-sciences-ETS>) and the Coordinator of the Sir Isaac Newton Exam held online at Dawson on May 4, 2017. She participated in the five-day ETS Workshop “Fan de Sciences” in June 12 – 16, 2017) and was also involved in recruiting female students from the science program at Dawson to participate in the workshop held at ETS. She is a member of the Universal Design for Learning (UDL) 2017 & 2018 cohort and will develop material in line with UDL for her science courses.



She is a member of the Universal Design for Learning (UDL) 2017 & 2018 cohort and will develop material in line with UDL for her science courses.

Manuel Toharia Zapata

He continued his research project "Higgs phenomenology in warped extra dimensions" with his FRQNT grant. He served as a referee for the journal Physics Review D (American Physics Society) and reviewed three manuscripts this year. He continued with the Dawson High Energy Physics group (<https://mtzhhep.wordpress.com>) to involve students to research in particle physics, with weekly mini-lectures over the academic year. The group currently consists of 6 second-year students and 5 first-year students. In the summer of 2017, he supervised particle physics internships with 5 students who started research projects.

Publications:

G. Couture, M. Frank, C. Hamzaoui, M. Toharia, "Top and bottom partners, Higgs boson on the brane and the $t\bar{t}$ signal", *Phys.Rev.* D95 no.9, 095038 (2017)

Student research/publications

A. Scappaticcio, M. Toharia, A. M. Vergara, "Brane Higgs in extra dimensions and the (observed) $t\bar{t}$ signal at the LHC", submitted to *DrJes* (2018).

J. Alkass, J. Boretsky, A. Hoban, L. Marengere, M. Toharia, "Hiding a heavy radion with a pinch of Higgs", submitted to *DrJes* (2018).

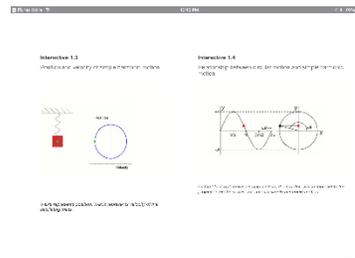
DawsonHep-DawsonSpace joint project:

Dawson Technicolor group, "Determining an upper mass limit of muon neutrinos using energy-conservation", CERN competition "Beam for Schools" proposal (2017). Shortlisted proposal and awarded a Cosmic PI (cosmic ray detector) (2017).

Dawson Technicolor group, "Charged Kaons and the matter-antimatter asymmetry of the universe", CERN competition "Beam for Schools" proposal (2018).

Basim Assaf

He wrote and first published an interactive eBook on waves in 2015, which was modified in 2017. The interactive eBook is available through Apple iTunes store and can be viewed using iPhone, iPad or Mac computers.



HEALTH

Dawson Neuroscience Research Group

The core of the group is composed of the following researchers: H el ene Nadeau and Maria Dikeakos (Dawson, Physics), Silvia d'Apollonia (Dawson, Biology, Scholar in Residence), Rajesh Malik (Dawson, Psychology) and Sylvia Cox (McGill, Psychiatry and Dawson, Psychology). Myriam Dimanche, who graduated from Dawson Diagnostic Imaging Program last June, has provided managerial support since December 2017. Their mission is to engage in research activities with Dawson students in the wide field of Neuroscience. Their goals are pedagogical - to introduce students to the complex reality of research - and academic - to advance knowledge. The group has been more active than ever this past year. In the summer 2017, 34 students completed the internship and worked on 12 different projects under the supervision of university and Dawson researchers. During the academic year 2017-2018, a group of 12 students (Science Program and Psychology profile) has been working on a research project on individuals with cocaine use disorders. The project is divided into two parts: a behavioral study and a brain connectivity study. An oral presentation combined with a discussion is scheduled for Science Fest in May 2018.

Oral Presentations:

Asselin, W., Guti errez, D., Hagh-Doust, H., Kowalczyk, M., Musin, S., Makarewicz, C. and Oliviera-Carneiro, A.M., *First Choice Science seminar* on February 7th, 2018.

Nadeau, H., d'Apollonia, S., and Dikeakos, M. "A village approach to forming future researchers" SALTISE Conference, Montreal, June 2017.

Bourbonnais, M., Benhaddadi, M., Boumghar, Y., Nadeau, H. "Portrait de r eussites et d efis de l'implication des  tudiants coll giaux dans la recherche au Canada". Panel on integration of college students in research projects, CICan, Ottawa, May 2017.

Publications:

Dhamala, H., Abdelkefi, I., Nguyen, M., Hennessy, T.J., Nadeau, H. and Jamie Near, "Validation of *in vivo* MRS measures of metabolite concentrations in the human brain" submitted to *NMR in Biomedicine*.

Conference proceedings:

Carrier-Chavreau, M., Nadeau, H., “Optimisation d’un programme informatique pour la comparaison d’images cérébrales”, poster presented at ACFAS, May 2017.

Grants:

Nadeau, H., Dikeakos, M., Malik, R., d’Apollonia, S. and Cox, S.M.L., SALTISE mini-grant to Support Active Learning & Technological Innovation in Studies of Education. Project title: *Developing research skills of college students through multidisciplinary and collaborative research projects.*

Nadeau, H. « *Étude comparative des circuits neuronaux entre voyants et non-voyants utilisant simultanément l’IRM de structure et de diffusion.*», Programme d’appui à la recherche pour les enseignants-chercheurs de collège du FRQS.

Hélène Nadeau was also member of the following selection committees:

Programme d’Aide à la Recherche et au Transfer, Ministère de l’Éducation et de l’Enseignement supérieur du Québec, (November 2017).

Prix étudiants de l’Association pour la Recherche au Collégial, (April 2017).

Programme d’appui à la recherche pour les enseignants-chercheurs de collège du FRQS, (March 2018).

Cathy Nickson and Nicole Jones, Physical Education

They conducted Stress Coping Skills workshops for Dawson students. Some of the topics of these workshops included: Gratitude, Mindfulness, Time Management, Mindset, Relaxation Techniques, and Self Care. The workshops were very well attended and deemed extremely valuable by participants. All of the workshops include Meditation, Breathing and Relaxation techniques.

Rona Brodie, Physical Education

Dr Rona Brodie holds a B.Ed Human Movement Studies at Dunfermline College of Physical Education; a M.Ed in Teacher Education and Professional Development, University of Edinburgh; and a PhD in Sports Education, Ethics and Citizenship at the University of Gloucestershire, England. Rona has been trying out various pedagogical models with her physical education classes (students range in abilities and are generally aged between 17-20 years). She has, for many years, been using and adapting Daryl Siedentop's Sport Education Model and it has proven to be very successful and popular with her students. She has tried to incorporate and extend the work she did on her thesis (*Developing a character education in PE and sports - a virtue ethical approach, 2006*) to prompt students to reflect upon themselves playing sports well with others. She continues to draw on the work of philosophers Alasdair McIntyre, Nel Noddings and Edmund Pincoffs when asking students (and herself) to think about what kinds of persons they are in different sporting educational contexts over the course of a semester (15 weeks).

Chair/organizer : Dr Dennis Hemphill, Associate Professor in Sport Ethics, College of Sport &

Exercise Science; Institute of Sport, Exercise & Active Living (ISEAL), University of Victoria, Melbourne, Australia.

Alessandro Tirelli, Physical Education

Alessandro Tirelli completed his Masters thesis from University of Ottawa. Titled, “Effects of Health Claims on Consumption and Taste in Children: The Moderating Effects of Sex”, the thesis examines the effect of health claims on consumption and taste in pre-adolescent children. His thesis can be found at the following link: <https://ruor.uottawa.ca/handle/10393/37194>

Sharon Clegg, Physiotherapy Technology

She continued her work on MOOCs (Massive Open Online Courses) that were the outcome of the project she worked on with colleagues in the Department of Kinesiology at Université de Montréal and in the Physiotherapy Techniques programs at Cégep Marie-Victorin and Dawson. The team created software for the Wii Balance Board and the Kinect sensor to provide assessment tools and games to health professionals and trainers to improve the clients’ balance and fitness level. They also created three MOOCs hosted by the Edulib platform at Université de Montréal: MOOC 1- Équilibre postural, MOOC 2 - Activité physique et dépense énergétique, and MOOC 3 Analyse du mouvement. They started in October 2017 and will be running until June 2018. Sharon used this material and software in the laboratory portions of her courses in the Physiotherapy Technology program at Dawson College and they are also available to be used by the Dawson College Health Clinic. The following link has updates: <https://www.facebook.com/projettekphy>

PEDAGOGICAL RESEARCH

Elizabeth Charles, Learning Community and team

Liz and her team were awarded two research grants in the past year from the Programme d'aide à la recherche sur l'enseignement et l'apprentissage (PAREA) and SSHRC. They hired 7 graduate students in their research team: 5 PhD and 2 MSc students.

They also completed the final year of a SSHRC-CCSIF funded project titled “Leveraging new paradigms and disruptive technologies to successfully orchestrate pedagogical change.” The project objectives were to document and examine 1) the impact and implementation of “disruptive” technologies across three Montreal colleges, including their differently designed active learning (AL) classrooms, and the process of co-designing for multiple factors – i.e., affordances of learning environments (partner’s platforms – SMART Amp, Visual Classrooms, etc.), course requirements, conceptual challenges and differences in AL classroom contexts. The project also sought to deploy a web-based platform intended to support and extend the capacity for teacher development and training of active learning pedagogical practices; and to develop principle-based guidelines for the design of AL classrooms, with a focus on orchestrational load as part of pedagogy. Among the key results and findings of the project, the designs of AL classrooms can affect how teachers orchestrate the resources and the student engagement, based on geositional analysis of teachers’ movements in the classroom. The evidence also suggests that teachers in AL classrooms are aware of and use the tools and resources that are made available to them and their students. Teachers’ experience with active learning (years of use) and course content (disciplinary content) appears to determine how much class time is allocated to group work, as well as how these resources are orchestrated (paced throughout a lesson); as demonstrated in a cluster analysis of 19 teachers observed over multiple class sessions revealing four types of patterns. Additionally, the Postsecondary Instructional Practices Survey (PIPS) can be used as an indicator of teacher’s approach to active learning instruction, suggesting that the PIPS could be an instrument for professional development. Lastly, the findings identified elements of the orchestration load of teachers in ALClms, which will be made into a new observational protocol for future use.

Liz and her colleagues continued their work in the Supporting Active Learning and Technological Innovation in Studies of Education (SALTISE) consortium, including organizing their annual conference. SALTISE is a learning community that brings together instructors and professional development staff from English and French educational institutions within the greater Montreal area, as well as other regions of Quebec. The key goals of SALTISE are based on the ideals of implementing evidence-based pedagogy involving instructional innovations and often leveraging the use of educational technology to promote improved learning.

New Grants:

Title : *Gestion et régulation du flux d’information en apprentissage actif. (3-years, 2017-20)*

Funding source: PAREA

Principal Investigator: Elizabeth S. Charles

Collaborators from 3 institutions: Kevin Lenton (Vanier College), Nathaniel Lasry (John Abbott College), Michael Dugdale (John Abbott College), Yann Brouillette (Dawson College) & Chris Whittaker (Dawson College)

Title: *Fostering a knowledge community: co-constructing and leveraging a digital platform for STEAM education*. (1-year grant, 2017-18)

Funding source: Social Science & Humanities Research Council (SSHRC) – Connection.

Principal Investigator: Alain Breuleux; Co-applicants: Elizabeth Charles, Rob Cassidy

Conferences organized:

6th SALTISE Annual Conference, New Frontiers for Engaging the Learner: Interconnecting design and Assessment, Concordia University, Montreal, June 5-6, 2017

7th SALTISE Annual Conference, Disruptive Innovations: Changing Educational Landscapes, McGill University, Montreal, May 31-June 1, 2018

Conference presentations:

Charles, E., Lenton, K., Dugdale, M., & Lasry, N. (2018). *What do real teachers do when they use Active Learning*. Presentation at the Association québécoise de pédagogie collégiale (AQPC), June Drummondville, Quebec.

Charles, E., Whittaker, C., & Lenton, K. (April 2018). How Layout and Shared Artifacts Impact Teacher Orchestration in FLSs. Presented at Structured Poster Session: “Understanding Future Learning Spaces Across Multiple Architectures”, organized by Michael Tissenbaum. American Educational Research Association (AERA) annual conference, New York City, NY., April 13-17, 2018.

Charles, E., Orjuela-Laverde, M., Cassidy, R., Adams, R., Bentley, J., Lenton, K., & Whittaker, C. (2017). *SALTISE: Inter-institutional collaborations transforming design and implementation of pedagogical changes*. Presentation at 42nd Annual POD Network Conference, October 25-29, Montreal, Quebec.

Charles, E., Whittaker, C., Lenton, K., Dugdale, M., & Lasry, N. (June, 2017). *Designing Active Learning Classrooms: Interdependences of Space and Technologies*. Paper presented at 35th annual AQPC symposium: Montreal, QC.

Lasry, N., Dugdale, M., Charles, E.S, Whittaker, C., & Lenton, K., (2017). Go GRASP: A Mobile Application to Facilitate Orchestration in Active Learning Classrooms. In Smith, B. K., Borge, M., Mercier, E., and Lim, K. Y. (Eds.). *Making a Difference: Prioritizing Equity and Access in CSCL*, 12th International Conference on Computer Supported Collaborative Learning (CSCL) 2017, Volume 2, pp. 811-812. Philadelphia, PA: International Society of the Learning Sciences.

Reports prepared:

Écosystème pédagogique et artéfacts épistémiques : des environnements d'apprentissage qui favorisent l'engagement étudiant – August 2017 for Programme d'aide à la recherche sur l'enseignement et l'apprentissage (PAREA)

Software development (e.g. websites, apps, teaching tools):
SALTISE website <https://www.saltise.ca/>

Outreach events:

ARC webinar: Charles, E.S., Lasry, N. & Lenton, K. (Nov. 21, 2017). *Avec un grand R: L'apprentissage actif hors de la classe, est-ce possible? l'Association pour la recherche au collégial (ARC)*

Publications:

Jang, H., Lasry, N., Miller, K., & Mazur, E. (2017). Collaborative exams: Cheating? Or learning? *American Journal of Physics*, 85, 223-227.

Cormier, C.; Awad, E.; Brouillette, Y.; Turcotte, V. *Planifier, réaliser et diffuser des vidéos éducatives : lignes directrices et astuces pour les enseignants; Profweb*, Dossier, 19 Septembre 2017, <http://www.profweb.ca/publications/dossiers/planifier-realiser-et-diffuser-des-videos-educatives-lignes-directrices-et-astuces-pour-les-enseignants>

Laure Galipeau, Catherine Soleil and Effie Konstantinopoulos

They completed their PAREA funded project on the effects of Universal Design Learning (UDL) concepts on students in French as second language courses. The results and findings will be presented at the annual conference of l'AQPC 2018 in Saint-Hyacinthe. The final report will be available as of June 2018. Since winter 2017, the team has also been invited by a number of colleges in the network to present some workshops within the scope of its research on pedagogy application of UDL model and its experience of leading the community of practice UDL@Dawson. About the Community of Practice, the team started with a new cohort of five fellows in January. The team also offers drop-ins for the Dawson community.

Presentations :

Catherine Soleil, Laure Galipeau, Effie Konstantinopoulos, « Impacts de la conception universelle de l'apprentissage en FLS : résultats préliminaires d'un projet de recherche PAREA, » Colloque de l'AQPC, Montréal, 7 juin 2017.

Laure Galipeau, Catherine Soleil, Effie Konstantinopoulos, « CLAAC et CUA: deux pédagogies qui travaillent ensemble pour répondre à la diversité en salle de classe! Un compagnonnage naturel, début de conversation... », SALTISE, Montréal, 6 juin 2017.

Participation and presentation:

Journée sur la conception universelle de l'apprentissage pour les conseillers et gestionnaires des Services adaptés, conseillers pédagogiques et les professeurs concernés des établissements collégiaux, organisée par le CCSI de l'Est, Cégep de Sainte-Foy, 11 janvier 2018.

Sameer Bhatnagar, Physics

He completed work on the PAREA-funded project, “Persévérance et réussite scolaire par le forage de données d’éducation” with co-applicant Nathaniel Lasry from John Abbott College. Their project uses Big Data to assess student success and to identify students at risk.

Francesca Roy, French and First Peoples Initiative

They created a web site to share Indigenous content for French courses. The site is called: Contenus autochtones pour les cours de français langue seconde (FLS). It presents different resources to help teachers integrate indigenous content in their FSL classes. The link is: www.dawsoncollege.qc.ca/contenus-autochtones



Michelle Smith, Laura Shea and team

Michelle Smith continued to work with her team on the second year of their SSHRC funded project about First Peoples Post-secondary Storytelling Exchange. Developed and led by English Faculty and First Peoples Initiative Steering Committee Member Susan Briscoe, their three-year project takes a community-based participatory research approach to investigate the complex interplay of family, community, and postsecondary institutions on student access to, and success, in postsecondary education. Through storytelling exchanges, participants contribute to the creation of more responsive programs and services for Indigenous students at the post-secondary level. The research team carried out a number of activities as part of their project over the past year. In July 2017, three members of the research team and a Concordia student presented their research at the World Indigenous Peoples Conference on Education (WIPCE) in Toronto. In the fall, they did a project update with all of their participants. Over the academic year, they have focused on data collection and doing video interviews/storytelling exchanges with 19 individuals and their families about experiences in education. They produced a Research Guide on Indigenous Methodologies. They conducted a Talking Circle in January 2018. In March 2018, they collaborated with the organization Our World to do a video production workshop with seven project participants, who created films with the support of professional mentors. Our World partners with First Nations communities to provide access to media arts training as a means of empowerment through artistic & cultural expression, and to integrate First Nations language and culture into films as a way to heal the past, claim the present and move forward into the future with pride of identity. They trained nine student research assistants in interviewing techniques, facilitating talking circles, transcription and data analysis. Four student research assistants conducted interviews and facilitated talking circles, in addition to transcription and data analysis. They plan to continue data collection, train RAs, prepare conference presentations and work on web production with Concordia University.

ADAPTECH RESEARCH NETWORK / RESEAU DE RECHERCHE ADAPTECH

The Adaptech Research Network consists of a team of academics, students and consumers co-directed by Catherine Fichten (Psychology, Dawson) and Jennison Asuncion. Alice Havel (Dawson Scholar in Residence) and Laura King (teacher at Cégep André-Laurendeau) are senior research associates involved in the research. We conduct research involving college and university students with diverse disabilities (e.g. visual, mobility, hearing impairments, psychological, learning and chronic medical disabilities). Areas of focus are: use and accessibility of information and communication technologies in postsecondary education, facilitators and barriers to academic success, and free or inexpensive software useful to students with various disabilities. The goal is to provide empirically based information to assist and inform decision making that ensures that new policies and new information and communication technologies reflect the needs and concerns of a variety of stakeholders. The outcomes will be better educational opportunities and learning experiences for college and university students with disabilities.



Grants:

SSHRC Partnership Engage Grant 2017 – 2018

Employment of postsecondary graduates with disabilities

Awarded to Fichten, C., Havel, A., & King, L., in collaboration with Asuncion, J., & AQEIPS

Dawson College 2017-2018

Support Academic Success of Students With Particular Needs, Including Students With Disabilities (S024)

The myth and reality of PowerPoint notes online Awarded to Fichten, C.

SSHRC Connection Grant 2017

New perspectives: Role of stakeholder groups in ensuring accessibility of ICTS to postsecondary students with disabilities

Awarded to Fichten, C., King, L., & Havel, A., in collaboration with Seale, J., Fisseler, B., Heiman, T., & Burgstahler, S.

The Leverhulme Trust International Network Grant 2016-2019

Disabled students, ICT, post-compulsory education & employment: in search of new solutions
Awarded to Seale, J., Fichten, C., Heiman, T., Fissler, B., & Burgstahler, S.

Fonds de recherche du Québec - Société et culture (FRQSC) et le ministère de l'Éducation, du Loisir et du Sport (MELS) 2014 - 2020

Centre d'études sur l'apprentissage et la performance (CEAP)

Awarded to Abrami, P., Waddington, D.I., Fichten, C.S., et al.

Awards:

Jennison Asuncion: American Foundation for the Blind Stephen Garff Marriott Award, 2018
LinkedIn and CAREER & the disabled Magazine National Employee of the Year Award for
Outstanding Achievement, 2017

Recognitions:

Jennison Asuncion (2017, May): Keynote speaker: 2nd Ed-ICT International Network
Symposium, Montréal, Canada.

Jennison Asuncion (2017, May): Keynote speaker: Global Accessibility Awareness Day (GAAD),
Copenhagen, Denmark.

Laura King (2017, May): Coordinator of the 2nd Ed-ICT International Network Symposium,
Montreal, Quebec.

Refereed Publications:

Fichten, C. S., Havel, A., King, L., Jorgensen, M., Budd, J., Asuncion, J., Nguyen, M. N., Amsel,
R., & Marcil, E. (in press). Are you in or out? Students who register for disability-related
services in junior/community colleges versus those who do not. *Journal of Education and
Human Development*.

Fichten, C. S., Jorgensen, M., Asuncion, J., Havel, A., King, L., Budd, J., Nguyen, M. N., &
Amsel, R. (2018). In an ideal world - instructional uses of information and communication
technologies: A comparison of Canadian college students and “excellent” professors.
Submitted for publication.

Jorgensen, M., Budd, J., Fichten, C. S., Nguyen, M. N., & Havel, A. (2018). Graduation prospects
of college students with specific learning disorder and students with mental health related
disabilities. *International Journal of Higher Education*, 7(1). doi:10.5430/ijhe.v7n1p19

Jorgensen, M., Havel, A., Fichten, C., King, L., Marcil, E., Lussier, A., Budd, J., &
Vitouchanskaia, C. (2018). "Simply the best": Professors nominated by students for their
exemplary technology practices in teaching. *Education and Information Technologies*,
23(1), 848-855. doi:10.1007/s10639-017-9594-1

King, L., Fichten, C. S., Jorgensen, M., Budd, J., Havel, A., Nguyen, M. N., Lussier, A., Asuncion,
J., Amsel, R., Raymond, O., & Poldma, T. (2017). The students have spoken: Survey
results on instructors' use of information and communication technologies. Manuscript
submitted for publication.

Labbé, D., Poldma, T., Fichten, C., Havel, A., Kehayia, E., Mazer, B., McKinley, P., Rochette, A.,
& Swaine, B. (2018). Rehabilitation in the real-life environment of a shopping mall.
Disability and Rehabilitation, 40(7), 848–855. doi:10.1080/09638288.2016.1277394

Heiman, T., Fichten, C. S., Olenik-Shemesh, D., Keshet, N. S., & Jorgensen, M. (2017). Access
and perceived ICT usability among students with disabilities attending higher education
institutions. *Education and Information Technologies*, 22(6), 2727–2740.
doi:10.1007/s10639-017-9623-0

King, L., Fichten, C. S., Jorgensen, M., Budd, J., Havel, A., Nguyen, M. N., Lussier, A., Asuncion,
J., Amsel, R., Raymond, O., & Poldma, T. (2017). Comment bien utiliser les tic au collégial
: le point de vue des étudiants. *Pédagogie Collégiale*, 31(1), 27-33.

Marcil, E., King, L., Havel, A., Fichten, C. S., Jorgensen, M., & Budd, J. (2016/2017). "Give me a job, give me security, give me a chance to survive:" A preliminary study of employment among postsecondary graduates with disabilities. *International Journal of Disability, Community and Rehabilitation*, (15)1.

Popular press articles (magazines, newsletters, web sites, webinars, social media):

Havel, A., Raymond, O., & Dagenais, A. (2017, June). The inclusion of students with disabilities in Quebec colleges / Étudiants en situation de handicap et inclusion dans les collèges du Québec. *College Documentation Bulletin / Bulletin de la Documentation Collégiale*, 18.

Marcil, E., King, L., Havel, A., Fichten, C.S., Jorgensen, M., & Budd, J. (2017). Get down to work: An exploratory study of employment among postsecondary graduates with disabilities. *Inspirations*, 10(1), 11.

Refereed conference presentations:

Havel, A., Fichten, C. S., Jorgensen, M., & King, L. (2017, June). You can DO-IT too: Making your teaching more inclusive. Presentation at the 6th Annual Supporting Active Learning and Technological Innovation in the Studies of Education (SALTISE) Conference, Montreal, Québec.

Havel, A., Scapin, R., in collaboration with Fichten, C., Jorgensen, M., King, L., Budd, J., Lussier, A., Marcil, E., Asuncion, J., Nguyen, M. N., & Amsel, R. (2017, June). Detour ahead: Overcoming roadblocks to educational technology use in college teaching. Presentation at the 37e colloque de l'Association québécoise de pédagogie collégiale (AQPC), Montréal, Québec.

King, L., Lussier, A., Jorgensen, M., Fichten, C., Havel, A., Budd, J., Asuncion, J., Nguyen, M. N., & Marcil, E. (2017, May). Trouver un terrain d'entente : Analyse comparative du point de vue des étudiants et de l'utilisation des TIC par leurs professeurs. Presentation at the Congrès de l'Association pour la recherche au collégial (ARC) dans le cadre du 85e Congrès de l'Association francophone pour le savoir - ACFAS, Montréal, Québec.

Talks, interviews, presentations, and invited addresses:

Havel, A., Fichten, C., & Jorgensen, M., in collaboration with King, L., Budd, J., Lussier, A., Jorgensen, S., Asuncion, J., Nguyen, M. N., & Chauvin, A. (2018). Putting research into practice in the college classroom. Webinar for Ed Tech Week, Dawson College, Montreal, Quebec.

King, L., Fichten, C., & Havel, A. (2018, March). Small fish in a big pond: A Canadian perspective. Presentation at the 3rd Ed-ICT International Network Symposium, Tel Aviv, Israel.

Budd, J. (2017, April). Assistive technology for children and teens with learning disabilities: Frequently unanswered questions. Presentation at the Montréal Centre for Learning Disabilities (MCLD) - 2017 Parent Conference: Tool Box for Success! Montréal, Québec

Budd, J. (2017, May). Selecting assistive technology: Different learning challenges require different solutions. Presentation at the Create Address Replenish Educate Conference, Saint-Lambert, Québec.

- Havel, A., & Thomson, R. (2017, April). Help is on the way: Addressing the needs of students with learning disabilities in the classroom. Workshop presented at the Institut des troubles d'apprentissage, Montréal, Québec.
- King, L., & Lussier, A., in collaboration with Fichten, C., Jorgensen, M., Havel, A., Amsel, R., Poldma, T., Budd, J., Harvison, M., & Marcil, E. (2017, October). Les perspectives des étudiants et des professeurs sur l'excellence dans l'utilisation des TIC et du cyberapprentissage au collégial. Presentation at the Rencontre de suivi 3, Actions concertées, Persévérance et réussite scolaires, for the Fonds de recherche du Québec – Société et culture (FRQSC) and the Ministère de l'Éducation et de l'Enseignement supérieur (MEES), Québec, Québec.

Reports and Abstracts:

- Jorgensen, M., Fichten, C. S., King, L., & Havel, A. (2018). Proceedings of the Ed-ICT International Network Montreal Symposium: Stakeholder perspectives. Montreal: Adaptech Research Network. Education Resources Information Center (ED580147).
- Fichten, C. S., Amsel, R., King, L., & Poldma, T. in collaboration with Asuncion, J., Budd, J., Havel, A., Jorgensen, M., Jorgensen, S., Marcil, E., Nguyen, M. N., Scapin, R., Wileman, S., Cassidy, R., Chauvin, A., Heiman, T., Hewlett, M., Loiselle, C., Lussier, A., Ross, L., Moon, R., Perreault, N., Raymond, O., Sparks, J., Thomson, R., & Tremblay, M. (2017). Les perspectives des étudiants et des professeurs sur l'excellence dans l'utilisation des TIC et du cyberapprentissage au collégial. Final report presented to the Fonds de recherche du Québec - Société et culture (FRQSC) et le ministère de l'Éducation et de l'Enseignement supérieur (MEES) (grant number 2014-RP-179119).
- Havel, A., Fichten, C.S., Jorgensen, M., & King, L. (2017). You can DO-IT too: Making your teaching more inclusive. Abstract provided in the SALTISE.Conference Programme.
- King, L., Jorgensen, M., Lussier, A., Fichten, C., Havel, A., Amsel, R., Poldma, T., Budd, J., Jorgensen, S., Marcil, E., Nguyen, M. N., Chauvin, A., & Asuncion, J. (2017). Student and professor perspectives on exemplary practices in the use of information and communication technologies (ICTs) and e-learning in colleges. Montréal, Québec: Adaptech Research Network. Centre de documentation collégiale.
- King, L., Lussier, A., Jorgensen, M., Fichten, C., Havel, A., Budd, J., Asuncion, J., Nguyen, M. N., & Marcil, E. (2017, May). Trouver un terrain d'entente : Analyse comparative du point de vue des étudiants et de l'utilisation des TIC par leurs professeurs. Abstract provided in the programme for the Congrès de l'Association pour la recherche au collégial (ARC) dans le cadre du 85e Congrès de l'Association francophone pour le savoir – ACFAS.

Tests and tools / measures:

- Fichten, C. , King, L. (Cegep André Laurendeau), & Havel, A. (2018) Permettre aux conseillers des collèges et universités d'aider leurs diplômés à trouver un emploi.
This builds on a previously ECQ project that examined how new graduates *en situation de handicap* found employment and looks at the effectiveness of job search strategies used by colleges and universities.

Jorgensen, M., Lussier, A., King, L., Fichten, C.S., & Havel, A. (2017). Coding manual: The myths and realities of PowerPoint - Perspectives of students, teachers and professionals. Montreal: Adaptech Research Network.

Conference hosted:

May 30-31st, 2017 – Ed-ICT International Network Montreal Symposium: Stakeholder Perspectives



CRISPESH

The Research Centre for the Educational and Professional Inclusion of Students with Disabilities (CRISPESH) is a College Technology Transfer Centre in Innovative Social Practices (CCTT-PSN) born out of a partnership between the Cégep du Vieux Montréal and Dawson College. The centre was recognized by the Ministry of Education, Recreation and Sports (MELS) in October 2010 and is operationally funded by the Ministère de l'éducation et de l'enseignement supérieur and the Ministère de l'Économie, de la Science et de l'Innovation. CRISPESH's research revolves around the advancement of knowledge and the development and promotion of innovative social practices that target the educational, social and professional inclusion of people living with disabilities.

CRISPESH offers targeted training opportunities and consultation services to support organizations, businesses and educational institutions with the professional and academic inclusion of people with disabilities. They publish research results in widely disseminated journals and reviews, and present at scientific conferences and events for the public. CRISPESH works in partnership with a number of organizations, including: McGill University, Université de Montréal, Adaptech, Giant Steps School, English Montreal School Board, Riverside School Board, Institut TA, AQICESH, AQEIPS, AQRP, Action main-d'oeuvre, FQA, CPQ et ROSEPH.

This past year was marked by the wealth of partnerships that CRISPESH established and maintained throughout the year as well as the development and consolidation of its niche expertise. The team completed the following projects in 2017-2018:

Soutenir l'employeur dans l'inclusion professionnelle des personnes vivant avec une déficience intellectuelle ou un trouble du spectre de l'autisme

Programme : Programme d'aide à la recherche et au transfert (PART)

Organisme subventionnaire : Ministère de l'éducation et de l'enseignement supérieur

Partenaire : Centre intégré de santé et de services sociaux de la Montérégie-Ouest (CISSSMO)

Dans le cadre de ce projet, le CRISPESH et le CISSSMO ont uni leurs efforts et leurs expertises pour développer des stratégies visant à favoriser la mise en place de pratiques de gestion de la diversité inclusive pour les personnes en situation de handicap. Ce projet avait pour objectif général le développement de bonnes pratiques de préparation et de soutien aux employeurs vers une gestion plus inclusive des personnes vivant avec une déficience intellectuelle (DI) ou un trouble du spectre de l'autisme (TSA) dans les milieux de travail. Ce projet était novateur, puisqu'il

a permis de développer un cadre de gestion de la diversité au Québec qui s'intéresse spécifiquement au handicap. Il a permis au CISSSMO de mieux soutenir les employeurs avec lesquels il collabore, en plus de faciliter l'intégration des usagers.

Améliorer les conditions de sommeil de l'enfant vivant avec un trouble du spectre de l'autisme grâce à un design réfléchi et personnalisé de sa chambre

Programme : Programme d'aide à la recherche et au transfert (PART)

Organisme subventionnaire : Ministère de l'éducation et de l'enseignement supérieur

L'objectif général de ce projet était de développer un cadre général, adaptable aux besoins individuels, d'aménagement de chambre pour enfants de 2 à 12 ans vivant avec un TSA, qui se base sur les perceptions sensorielles. L'originalité et la pertinence de ce projet résidaient dans une consolidation de connaissances sur l'aménagement, le sommeil et les sens, qui n'ont jamais été regroupées à cette fin, mais aussi dans la prise en compte de l'expérience des personnes et des milieux concernés.

Soutien à l'intégration des étudiants en situation de handicap: développement d'un instrument d'évaluation des besoins de l'apprenant

Programme : Programme d'aide à la recherche et au transfert (PART)

Organisme subventionnaire : Ministère de l'éducation et de l'enseignement supérieur

Partenaire : Centre collégial de soutien à l'intégration (CCSI)

L'objectif de ce projet était de développer un instrument d'évaluation à l'intention des intervenants des services adaptés pour soutenir les étudiants en situation de handicap (ESH) dans leur réussite éducative. En plus de générer un profil personnalisé, l'outil développé propose diverses ressources encourageant la réussite éducative des ESH. De plus, il permet le développement de comportements d'autodétermination chez ces étudiants, ce qui favorisa également leur réussite éducative. En plus d'offrir des réponses aux besoins des ESH de manière plus pointue et systématique, cet outil favorisera éventuellement une harmonisation des pratiques chez les conseillers en services adaptés.

The following are ongoing research projects:

Incubateur d'entreprises inclusif destiné aux autochtones

Programme : Fonds d'innovation sociale destiné aux communautés et aux collègues

Organisme subventionnaire : Conseil de recherches en sciences humaines du Canada

Partenaires : Collège Dawson, Cégep du Vieux Montréal, Conseil scolaire des premières Nations en éducation aux adultes (CSPNEA), Commission de développement des ressources humaines des premières Nations du Québec (CDRHPNQ), Commission de développement économique des Premières Nations du Québec et du Labrador (CDEPNQL), Tawatohnhhisaktha, Fondation Martin.

Objectif : Développer un modèle d'incubateur d'entreprises adapté à la fois aux besoins variés et aux réalités autochtones.

L'accommodement d'une personne en situation de handicap dans une entreprise, un changement qui profite... à tous!

Programme : Programme de soutien aux organismes de promotion

Organisme subventionnaire : Office des personnes handicapées du Québec

Partenaires : Conseil du Patronat du Québec (CPQ), Regroupement des organismes spécialisés pour l'emploi des personnes handicapées (ROSEPH), Ordre des ergothérapeutes du Québec.

Objectif : Augmenter les connaissances des employeurs au sujet des accommodements et sur le fait qu'ils peuvent aussi être un investissement positif pour l'entreprise et tous ses autres employés, ainsi qu'à augmenter les connaissances des personnes en situation de handicap pour améliorer leur sentiment d'autonomisation par rapport à la divulgation de leurs incapacités et à leurs demandes d'accommodement.

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