



Dawson College Annual Research Report

2018-2019

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2018-2019

Dawson College
Annual Research Report
2018-2019



*“I seem to have been only like a boy
playing on the seashore,
and diverting myself
in now and then
finding a smoother pebble
or a prettier shell than ordinary,
whilst the great ocean of truth
lay all undiscovered before me.”*

- Isaac Newton

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A Message from the Dean of Academic Development



We are pleased to present, in this Annual Report, the 2018-2019 accomplishments of the Dawson research community. Dawson's research strength stems from its faculty and staff who, in addition to their teaching, dedicate their energy, time and expertise to their respective research interests.

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

In 2018-2019, twenty-three Dawson researchers invested themselves in twenty-one research projects. Three new grants were awarded, while seven projects were completed. Many of our faculty collaborated with researchers in other colleges and universities in Canada and abroad, or with local community organizations and domestic and NGOs. We also want to recognize the efforts of our faculty in seeking grants. Many were successful, and all demonstrated their investment, dedication and passion in furthering knowledge in their respective disciplines. More sadly, during this past year, Dawson lost one of its researcher, Susan Briscoe, who passed away last August. Her colleagues and collaborators carried on with their project; we thank them for this.

The 2018-2019 projects focused on a range of issues and topics, including educational technology, the employment situation of postsecondary graduates with disabilities, sleep apnea, religion, archival research in Montreal, mathematics, intergenerational trauma and resilience, and literature and the arts. Dawson researchers investigated how to improve First Nation student success in postsecondary education through storytelling, brain imaging, training and retention of health professionals, the lives of Holocaust survivors in Montreal, and food security, to name just a few examples. All of these projects contributed to both knowledge creation and mobilization. Our researchers participated in numerous conferences, workshops and colloquia here in Canada and around the world, sharing their findings and expertise with their academic peers and the public.

In this report, I invite you to discover these projects, which illustrate the diversity and important contributions to society that our teachers and researchers make. To our faculty, thank you for your curiosity and your vision to see a different world. You positively affect our local community and our society.

Catherine LeBel

A handwritten signature in black ink that reads "Catherine LeBel". The signature is written in a cursive, flowing style.

Dean of Academic Development

RESEARCH RECOGNITION AWARD



Dr. Richard Fournier a true mathematician at heart, obtained a Ph.D. in Mathematics at Université de Montréal under the guidance of the late Q. I. Rahman in 1985. From 1985 to 1986, he was a Post-doc fellow at Universitaet Wurzburg (Wuerzburg, Germany) under the direction of Dr. Stephan T. Ruscheweyh.

His first foot into his teaching career started with the students at Vanier College where he taught for two years. He then joined Dawson College's Math Department in 1986. The college has been privileged to have him instructing and inspiring students at Dawson for thirty-three years.

Richard's experience expanded over the years to include University professor, esteemed researcher and seminars lecturer among his long list of accomplishments. His work in the field of research is Mathematics, in particular classical Complex Analysis and Approximation Theory. He is interested in conformal maps, special classes of univalent functions, inequalities for polynomials and rational functions. His fresh perspective in this field endorsed a new focus that continuously expands. It is clearly comprised of aspects of mathematics that amaze and inspire others to get involved in this field of research.

He has been a member of the Centre de Recherches Mathématiques (CRM) at Université de Montréal since 1996 and was appointed adjunct professor in the Mathematics Department in 1999. Since then Richard directed or co-directed ten Université de Montréal students towards their graduate studies.

Research has been truly a natural passion for Richard. Research grants for his work continuously flowed from 2000 to 2012 from the Natural Sciences and Engineering Research Council of Canada (NSERC). He has been awarded grants from various other research programs of the Fonds de Recherche du Québec – Nature et technologies (FRQNT) since 1986, and from Dawson College since 1996.

Richard has authored or co-authored as many as seventy research papers for scientific journals, including ten research papers co-authored with Dawson students published in Dawson College's Research Journal of Experimental Sciences. He has been a referee for countless Ph. D and M.Sc. (since 2013) applications, for several mathematical journals and government agencies. He is a member of the editing team of the web-based Journal of Interpolation and Approximation in Scientific Computing. Other undertakings by Richard include co-organizing three international meetings with the staff of the Le Centre de Recherches Mathématiques (CRM) in Montreal.

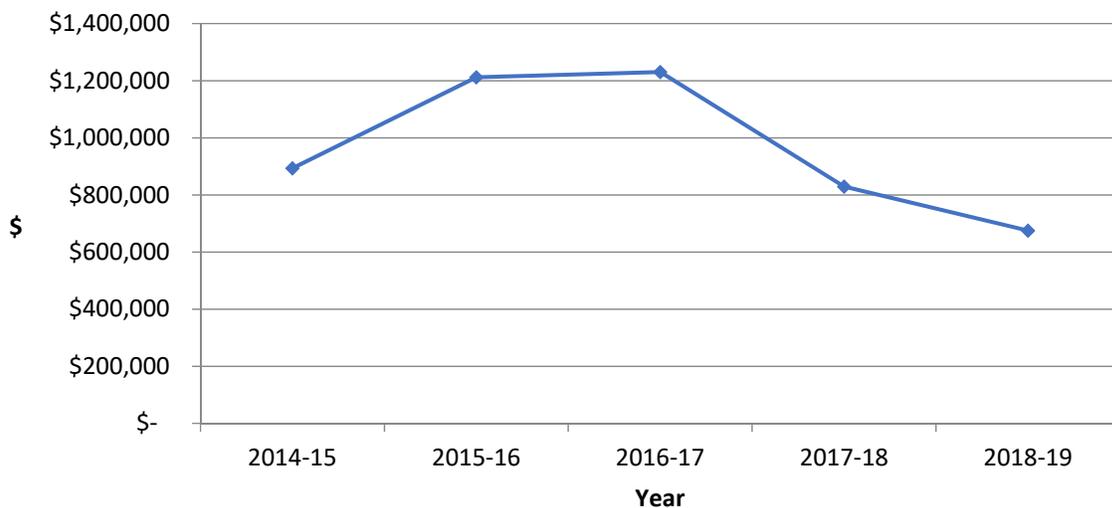
In his noteworthy career, he has given over 140 talks at various meetings and mathematical seminars throughout the world. The invitations to speak came from North American organizations as well as Germany, Poland, Norway, Chile, England, India, and Turkey, to name a few.

It is clear to see that all his accomplishments and endeavors throughout his career, have been a benefit both for the research community, for students in the field of Math, and for Dawson College.

Research Highlights

There were 21 grant-funded projects under way in 2018-2019, with 23 researchers at Dawson. The total research funding received was about \$700,000. Seven projects were completed in the course of the year, having reached the end of their grant cycles. Three new grants were awarded and corresponding projects initiated. Dawson researchers 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.

Annual Research Funding



Research Support Fund

Dawson College acknowledges support from the Tri-Council Research Support Fund (RSF). The Research Support Fund assists Canadian postsecondary institutions with the expenses associated with managing the research funded by the three federal research granting agencies. The Government of Canada allocates a portion of research grants from federal agencies received by researchers to their home institutions each year. RSF grant funds are used to offset salaries for the Research Office staff and professional development activities in research administration. These staff play a central role in identifying and advertising funding opportunities, ensuring grant applications are complete and admissible, tracking institutional and REB approval, ensuring compliant post-award administration, and internal benchmarking and report writing. The full public disclosure of funds statement for this year and previous years is available on the Dawson Research website <https://www.dawsoncollege.qc.ca/research/research-support-fund/>.

DAWSON RESEARCH ACTIVITIES

SOCIAL SCIENCES

BUSINESS

Charles-Albert Ramsay, International Business Studies Profile

He is organizing a conference at Dawson College for the 10th annual colloquium of the Association des Enseignantes et Enseignants d'Économie des Cégeps du Québec (A3ECQ) on June 10 and 11, 2019.

GEOGRAPHY

Gisela Frias

Gisela's current research focuses on the potential of marrying institutions with sustainability. Her IDRC funded "Sustainable Campuses" participatory action project has been successfully completed. Gisela and her partners plan to continue and expand the project to help post-secondary institutions in Canada and Mexico incorporate more sustainable practices in institutional functioning and educational approaches.

RESEARCH GRANTS AWARDED

2015-2018 (SSHRC-CCSIF) Sustainable Campuses: A North-South Research and Action Community

SOCIOLOGY

Anna-Liisa Aunio

RESEARCH GRANTS AWARDED

2018-2020: Community and College Social Innovation Fund, Natural Science and Humanities Research Council, Principal Investigator, "Transformations Social Innovation Hub in Food Justice and Sustainability."

PUBLICATIONS

Fallon, K. M. & Aunio, A. & Kim, J. (2018). Decoupling International Agreements from Domestic Policy: The State and Soft Repression. *Human Rights Quarterly* 40(4), 932-961. Johns Hopkins University Press.

CONFERENCE PRESENTATION

November 20, 2018: The Montreal Food Map, 4th Space, Concordia University, Montreal, QC.

EXHIBITIONS

November 14-23, 2018: What is Food? Exhibition at the 4th space, Concordia University, Montreal: Installation of the interactive Montreal Food Map at the inaugural exhibition of the 4th space—a research exhibition space at Concordia University.

January 9-23, 2019: Cities: Urban Essentials, exhibition at the 4th space, Concordia University, Montreal, QC.

SOCIAL INNOVATION EVENTS ORGANIZED

April 27, 2018 : Méthodologies d'évaluation des systèmes alimentaires de quartier, Dawson College, Westmount, QC.

November 16, 2018 : L'insécurité alimentaire à Montréal, l'ampleur du problème et les stratégies efficaces pour la combattre, Concordia University, Montreal, QC.

December 7, 2018: Food Convergent Innovation (FCI) Workshop : Food Data Analytics for City-Region Food Systems

January 14, 2019: Panel sur la planification alimentaire dans les quartiers / Panel on Neighbourhood Food Planning, Concordia University, Montreal, QC.

March 29, 2019: Roundtable: food security and housing, what synergies in our neighbourhoods? Centre Lajeunesse, Montreal, QC.

April 12, 2019: Atelier sur les données et lancement d'appel de projets de recherche action, Dawson College, Montreal, QC.

WEBSITE DEVELOPMENT

The Montreal Food Map, Food Map of Montreal with 33 boroughs:

INVOLVEMENT OF STUDENTS IN RESEARCH

Winter 2018: two courses of students involved in research—Advanced Environmental Studies and Advanced Topics: Food and Environment, 81 students total carried out individual research projects and research posters related to food, sustainability, and environmental issues.

Fall 2018: One course of students enrolled in Advanced Topics: Sociology of Food, 16 students carried out individual research projects related to the sociology of food.

RESEARCH ASSISTANTS

Three master's level research assistants: qualitative methodologies in community food assessments, data/GIS/mapping on the Montreal food system.

Two interns associated with the Institute for Health and Social Policy (IHSP), McGill University: community food organizations, school food policies

One Dawson intern in social sciences focused on Montreal food systems.

Sara Beer

Beer, S. (2018) "The sex worker rights movement in Canada: Challenging legislation." *Moving the Social: Journal of Social History and the History of Social Movements*, vol. 59.

Beer, S. (2018) "Action, Advocacy, and Allies: Building a Movement for Sex Worker Rights" in E. Durisin, E. van der Meulen, and C. Bruckert (eds.), *Red Light Labour: Sex Work Regulation, Agency, and Resistance*. Vancouver: UBC Press.

POLITICAL SCIENCE

Christopher Bourne, Caroline Chochol and Julie Johnson

MODEL UN AMBASSADOR PROGRAM

They received an ECQ grant to study the pedagogical value of Model United Nations Simulations in a classroom context. They reviewed relevant research and compiled an annotated bibliography. Based on their interpretation, they developed three frameworks to implement Model UN-style experiential learning activities into the Integrative Seminar Course. These activities were shared with Dawson and John Abbott Faculty at two workshops, and have been implemented in four sections of IS in the Winter 2018 semester.

PSYCHOLOGY

Catherine Fichten

Catherine Fichten's research has three foci: postsecondary students with disabilities, the treatment of sexual disorders, and sleep and its disorders. For her research on students with disabilities, please

see the section on the Adaptech Research Network. 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 adherence to obstructive sleep apnea treatment, sleepiness and driving safety, and 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. This work is expected to result in better diagnostic practices and more effective treatment of obstructive sleep apnea and its comorbidities.

REFEREED PUBLICATIONS

Rizzo, D., Lavigne, G., Creti, G., Baltzan, M., Rompré, M., Bailes, S., Fichten, C., Libman, E. (2019). The role of fatigue and sleepiness in drivers with obstructive sleep apnea. *Transportation Research Part F: Psychology and Behaviour*, 62, 796-804. doi:10.1016/j.trf.2019.03.011

Rizzo, D., Lavigne, G., Libman, E., Rompré, P., Creti, L., Bailes, S., Fichten, C. (2019). Self-reported driving violations as a putative mirror measure of real-world driving quality in individuals with and without Obstructive Sleep Apnea. *Transportation Research Part F: Psychology and Behaviour*, 62, 78-85. doi:10.1016/j.trf.2018.12.015

M. Davis, W. L. Yarber, & T Fisher (Eds.), *Handbook of Sexuality-Related Measures* (4th edition). New York: Routledge.

Creti, L., Fichten, C. S., Amsel, R., Brender, W., Schover, L. R., Kalogeropoulos, D., & Libman, E. (in press). Global Sexual Functioning: A Single Summary Score for Nowinski and LoPiccolo's Sexual History Form. R. Milhausem J. Sakauluk, C. M. Davis, W. L. Yarber, & T Fisher (Eds.), *Handbook of Sexuality-related Measures* (4th edition). New York: Routledge.

Fichten, C. S., Budd, J., Spector, I., Amsel, R., Creti, L., Brender, W., Bailes, S., & Libman, E. (in press). Sexual Self Efficacy Scale - Erectile Functioning (SSES-E). R. Milhausem J.

Sakauluk, C. M. Davis, W. L. Yarber, & T Fisher (Eds.), *Handbook of Sexuality-related Measures* (4th edition). New York: Routledge.

REFEREED CONFERENCE PRESENTATIONS

Bailes, S., Rizzo, D., Tran, D.-L., Creti, L., Grad, R., Baltzan, M., Pavilanis, A., Fichten, C., & Libman, E. (2018, June). What happens to patients after a diagnosis of sleep apnea? Presentation at the 32nd Annual Meeting of the Associated Professional Sleep Societies, Baltimore, Maryland.

Fichten, C., Tran, D.-L., Rizzo, D., Bailes, S., Jorgensen, M., Creti, L., Conrod, K., Grad, R., Baltzan, M., Pavilanis, A., Harvison, M., & Libman, E. (2018, June). Insomnia subtypes before and after CPAP treatment of sleep apnea. Presentation at the 32nd Annual Meeting of the Associated Professional Sleep Societies, Baltimore, Maryland.

Fichten, C., Vitouchanskaia, C., Havel, A., Rizzo, D., Creti, L., Bailes, S., Amsel, R., & Libman, E. (2018, June). Portable EEG device: Toy or tool - A naturalistic single subject experiment. Presentation at ICAP 2018: 29th International Congress on Applied Psychology, Montréal, Québec.

Rizzo, D., Lavigne, G., Bailes, S., Baltzan, M., Tran, D.-L., Creti, L., Fichten, C. S., & Libman, E. (2018, June). Good driving behavior: A reasonable predictor of CPAP adherence? Presentation at the 32nd Annual Meeting of the Associated Professional Sleep Societies, Baltimore, Maryland.

REPORTS AND ABSTRACTS

Bailes, S., Rizzo, D., Tran, D.-L., Creti, L., Grad, R., Baltzan, M., Pavilanis, A., Fichten, C., & Libman, E. (2018). What happens to patients after a diagnosis of sleep apnea? *Sleep*, 41(supplement 1), A399. doi:10.1093/sleep/zsy061.1072

Fichten, C., Tran, D.-L., Rizzo, D., Bailes, S., Jorgensen, M., Creti, L., Conrod, K., Grad, R., Baltzan, M., Pavilanis, A., Harvison, M., & Libman, E. (2018). Insomnia subtypes before and after CPAP treatment of sleep apnea. *Sleep*, 41(supplement 1), A140. doi:10.1093/sleep/zsy061.364

Rizzo, D., Lavigne, G., Bailes, S., Baltzan, M., Creti, L., Fichten, C., & Libman, E. (2018). Good driving behavior: A reasonable predictor of CPAP adherence? *Sleep*, 41(supplement 1), A400. doi:10.1093/sleep/zsy061.1075

INVOLVEMENT OF STUDENTS IN RESEARCH

Dorrie Rizzo – Ph.D. student, Université de Montréal (Ph.D. received in 2019)

Dieu-Ly Tran – M.A. student, Université de Montréal (M.A. received in 2018)

Maegan Harvison – undergraduate, Concordia University

Christine Vo – undergraduate, Concordia University

Marie-Ève Rioux-Massie - M.A. student, Université Laval

Alex Lussier – undergraduate, Université de Montréal

MEMBER OF EDITORIAL BOARD

Behavioral Sleep Medicine (Journal)

SOCIAL WORK

Denise Brend

POST-DOCTORAL FELLOWSHIP

Post-doctoral Fellowship, Mitacs Acceleration Program: Université de Sherbrooke & Boscoville, *Implantation et évaluation modèle Attachement, Régulation et Compétences auprès d'enfants de 6 à 12 ans*. Directeur: Nadine Lanctôt, Co-directeur: Delphine Collin-Vezina(2018-2020)

CURRENT RESEARCH

Ministère de l'Éducation et de l'Enseignement supérieur: Academic Success Projects for Students with Disabilities and/or Particular Needs, “*A Participatory Design of Supportive Pedagogical Strategies to Social service students faced with particular needs*” (2018-2019)

PROFESSIONAL TRAINING AND RESEARCH AFFILIATION

Groupe de recherche sur les inadaptations sociales de l'enfance (GRISE), Université de Sherbrooke (2018)

Group de recherche : Réponses sociales aux trauma, Université de McGill (2018)

PEER REVIEWED CONFERENCES

Brend, D.M. & Beeman, I. (2019) Implementing the Attachment, Self-regulation and competency (ARC) Model in Child Welfare Residential Care: Preliminary Findings. The World Congress on Complex Trauma, International Society for the Study of Trauma and Dissociation 36th Annual Conference, New York, NY.

Collin-Vézina, D., Allagia, R., Brend, D.M., Beeman, I., Segal, A., & Liljequist, J. Changing Lenses: Improving Professional Responses to Trauma in Children and Youth. The World Congress on Complex Trauma, International Society for the Study of Trauma and Dissociation 36th Annual Conference, New York, NY.

Collin-Vézina, D., MacNamee, S., Brend, D.M., & Beeman, I. (2018) ‘Is being a secure base really part of my role?’: Child protection workers’ attitudes towards trauma-related needs of children and youth in their care. The European Scientific Association on Residential & Family Care for Children and Adolescents XV International Conference: All children, All Families, Porto, Portugal, October 2-5th.

Collin-Vézina, D., MacNamee, S., & Brend, D.M. (2018) Bringing About Trauma-Informed Practices in Child Protection Group Care: Reflection on implemenations and Initial Findings. International Family Violence and Child Victimization Research Conference, Portsmouth, NH, July 15-17th.

Brend, D.M. (2018) Engaging the Theories of Mentalization and Epistemic Trust Towards Well-being amongst Professionals, (20X20 presentation). International Family Violence and Child Victimization Research Conference, Portsmouth, NH, July 15-17th.

INVITED LECTURES

Brend, D.M. (2019) L'Établissement de confiance: des travailleuses sociales œuvrant dans le domaine de la violence conjugale et le soutien social au travail. Groupe de recherche sur les inadaptations sociales de l'enfance (GRISE), Université de Sherbrooke, Longueuil, Qc.

Brend, D.M. (2018) Trauma-Informed Practices in Family and Foster Care Settings. Complex Trauma Symposium 2018 - Canadian Perspective and Initiatives/ 2e Symposium annuel sur le trauma complexe: Perspective et initiatives canadiennes, La Grande Bibliothèque (BAnQ), Montreal, QC.

Brend, D.M. (2018) Réponses organisationnelles aux traumatismes dans les centres de réadaptation. Coordonation du Pratique-Programme Pingouin, Boscoville, Montreal, Qc.

Brend, D.M. (2018, April) PTSD and Social Work Practice. Dawson College Self-care Fair (Student led initiative), Cegep Dawson College, Westmount, Qc.

PEER REVIEWER

Partnership Engage Grant (PEG) Committee, Social Sciences and Humanities Research Council of Canada (SSHRC) (2019)

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

Membre du jury du rapport du stage de Mme Fraser, My an intitulé : « L'évaluation de la polyvictimisation chez les adolescents pris en charge par les services de protection jeunesse » (2018, Septembre-Octobre)

SUSTAINABILTY

Dawson Sustainability Office

CHRIS ADAM

PUBLICATIONS

Adam, C. & Cassidy, R. (forthcoming). Living Campus. In C. O'Brien & P. Howard. (Eds.), *The Living school: Educating for the world our children deserve*, Winnipeg: Education for Sustainable Well-Being Press, University of Manitoba.

CONFERENCES

Living Schools Symposium – hosted by Dawson College/Concordia University; presentation on Living Campus – April 23/19

AASHE Conference, Pittsburg USA, Presentation on Living Campus (Chris Adam & Katherine McWhaw – October 3/18)

SALTISE Conference: Living Campus Walking Tour – Chris Adam and Diana Rice – 2019

Chris was an advisor on two thesis studies by engineering students on the topic of rainwater management at Dawson. He continued working on the SSHRC-funded Sustainable Campuses project.



He worked with Dawson Electronics Engineering students and Mexican students from Preparatoria Tres Marias to develop solar-powered radio station in Mexico.

EDUCATION AND PEDAGOGY

Elizabeth Charles, Chris Whittaker, Yann Brouillette and team

PUBLICATIONS

Cassidy, R., Charles, E.S. & Slotta, J.D. (2019). Editorial: Active Learning: Theoretical Perspectives, Empirical Studies, and Design Profiles. *Frontiers, ICT* 6:3. doi: 10.3389/fict.2019.00003.

PRESENTATIONS

Charles, E.S., Breuleux, A., Cassidy, R., Whittaker, C., Lenton, K., & Choquette, J. (2018). *Research-Practice Partnerships Supporting Adoption of Active Learning*. Presented at Practitioner and Industrial Track Proceedings at ICLS 2018, co-located with of the 13th International Conference of the Learning Sciences (ICLS 2018). <http://ceur-ws.org/Vol-2128/>

Whittaker, C., Charles, E.S., & Lasry, N. (2018). *Designated Spaces and Learning Communities as Agents of Change in Pedagogical Capacity: an Example of Moving Beyond the Researcher-Practitioner Divide*. Presented at Practitioner and Industrial Track Proceedings at ICLS 2018, co-located with of the 13th International Conference of the Learning Sciences (ICLS 2018). <http://ceur-ws.org/Vol-2128/>

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.

INVITED TALKS

Charles, E.S., (Nov. 5th, 2018). Plenary talk, *Bridge the Gap Between Theory and Practice: The model of a professional learning communities*. Presented for The Ottawa – Carleton University Second Annual Symposium on Science Teaching and Learning – Linking Theoretical Perspective with Practical Approaches.

Charles, E.S., (Nov. 5th, 2018). *Teaching for Successful learning: How to motivate students and improve course engagement*. Presented for Concordia University, Physics Department Colloquium Series.

Yann Brouillette, Chemistry

PUBLICATIONS

Brouillette, Y.; Lubell, W. D. *The Molecular Marvels of Captain America; Chemistry Views Magazine*, 2018, https://www.chemistryviews.org/details/ezone/11114434/The_Molecular_Marvels_of_Captain_America.html

Brouillette, Y. *Comic Book Chemistry: Teaching Science Using Super Heroes*; *CIRCE Magazine STEAM Edition* 2019, 1, 47-58 (<http://www.educationthatinspires.ca/2019/01/14/circe-steam-magazine-now-available/>).Conferences

CONFERENCES

Brouillette, Y. 2018 *Chemistry of Monsters*, Montreal Monstrum Society, Montreal, Quebec.

Brouillette, Y. 2018, *Using Comic Books to Teach Chemistry*; University of Manitoba Science Pedagogy Seminar Series, Winnipeg, Manitoba.

Brouillette, Y. 2018, *Comic Book Chemistry: Heroic Experiences*; Brouillette, Y. **2018**, College Chemistry Canada (C3) Conferences, Edmonton, Alberta.

Using DALITE Before, During and After my Chemistry Classes; Brouillette, Y. **2018**, College Chemistry Canada (C3) Conferences, Edmonton, Alberta.

Laurent Duval and Chantale Giguère, French

They received an ECQ grant to develop and implement a developed an innovative pedagogical approach in an inclusive online course based on the Universal Design of Learning principles (UDL). The new course model is offered primarily online in a trimodal format: face-to-face, synchronous and asynchronous. Learning content aims to integrate UDL principles. They implemented the pilot with two groups of students (602-101-MQ) in Winter 2019. A pedagogical approach to explore! A video for teachers will be available on the Dawson E-learning web site, <https://www.dawsoncollege.qc.ca/elearning/>

Chantale Giguère led the formation of an E-Learning Community of Practice, with support from the Office of Academic Development and IST at Dawson College. The E-Learning Community of Practice fosters cooperation in matters of online pedagogy among teachers from a variety of departments and programs across the college. It aims to discuss online teaching pedagogy considering Dawson students' learning context, provide examples of online tools and resources useful in the development of a college- level blended course, support teachers in the development and implementation of a partly online course with one of their class sections and share this experience with the Dawson community.

FIRST PEOPLES INITIATIVE AND JOURNEYS

Michelle Smith, Laura Shea and team

Michelle Smith and her team completed the third year of the **First Peoples Post-secondary Storytelling Exchange**, a SSHRC funded multi-institution project which aims to advance a new conversation about postsecondary education through storytelling exchanges in the form of talking circles, individual and family conversations and filmmaking workshops.



Project goals include creating more responsive post-secondary education for Indigenous students and honouring Indigenous approaches to teaching and learning, while building capacity of young scholars.

As of this date, 46 storytelling exchanges have taken place: 6 Talking/Sharing Circles; 1 Family exchange; 36 Individual Interviews; and 3 Pairs. A final talking circle will take place this month at Dawson College.

Seven Research Assistants representing Inuit and Kanien'kehá:ka (Mohawk) communities (from Dawson, Concordia and McGill) continue to be present in all aspects of the project, including storytelling exchanges, audio and visual recording, conference presentations, data analysis, transcription and translation, writing and planning for dissemination.

YEAR THREE RESEARCH ACTIVITIES

Travel to Kuujuaq and *Kangiqsujuaq*, Nunavik with two Inuk Research Assistants for story exchanges. At least a dozen more story exchanges took place in Montreal and Kahnawake.

Two more filmmaking workshops were held with partners *Our World*, one in Kahnawake and Montreal (Dawson) and one in *Kangiqsujuaq*, Nunavik, resulting in 8 new films, many new skills, and a heap of new friendships and creative collaborations.



Films from last year's *Our World* workshop have been shown at film festivals in Canada and abroad including Regent Park Film Festival, Asinabka Arts Festival: Celebrating Indigenous Arts in Algonquin Territory in Ottawa (August 2018) <http://www.asinabkafestival.org/Home.html>, ImagineNative (October 17-21 2018) <http://www.imagenative.org> and Maoriland (March 24, 2019) <https://maorilandfilm.co.nz/>



Design of the project website in collaboration with AbTec (Aboriginal territories in Cyberspace) at Concordia University is nearly complete.

CONFERENCE PRESENTATIONS

May 2018: A First Peoples' Storytelling Exchange: Decolonizing Postsecondary Institutions through digital Storytelling. (ICQI) International Congress of Qualitative Inquiry, Illinois.

June 2018: First Peoples' Postsecondary Storytelling Exchange: Intersecting college and community circles. Colloque de L'Association québécoise de pédagogie collégiale (AQPC)

June 6-8, 2018, Concordia University, Montreal. Research team and Inuk postsecondary student.

Aug 2018: First Peoples' Postsecondary Storytelling Exchange: Intersecting college and community circles. 17th International Congress on Circumpolar Health, Copenhagen, Denmark, August 12-15, 2018. Research Team and Inuk postsecondary students.

HUMANITIES

RELIGION and PHILOSOPHY

Ian Cuthbertson

PUBLICATIONS



Cuthbertson, Ian Alexander. 2018. "Enchantment and Re-Enchantment." *Religion Compass*. 12 (9).

Cuthbertson, Ian Alexander. 2018. "Preaching to the Choir? Religious Studies and Religionization." In *Method Today: Redefining Approaches to the Study of Religion*. Ed. Brad Stoddard. Sheffield: Equinox.

CONFERENCE PRESENTATIONS

2018. [Invited] "Thinking Enchantment Differently." Beyond Disenchantment Workshop, Williamstown, Massachusetts.

2018. "Strategic Amnesia: Secularism and Conspicuous Religion in Quebec." Humanities and Public Life Conference, Dawson College, Montreal, QC.

Daniel Goldsmith

Daniel and Mark McGuire, a colleague at John Abbott College, received an ECQ grant for a project to explore visual storytelling as a pedagogical tool. They created a short comic that dealt with the themes of intergenerational trauma and resilience: <https://felixandanya.com/> They will add teaching materials to the website for anyone interested in using the comic in their classrooms. These are based on the feedback they received from five different classes that were involved in a pilot project this winter. They plan to present their work at several conferences in June.

Jordan Glass

PUBLICATIONS

Glass, J. 2018. "Education as Ethics: Emmanuel Levinas on Jewish Schooling." *Continental Philosophy Review*, Vol. 51. 4 (December): 481–505.

PRESENTATIONS

"Intellectual Tradition as Ethics." Conference of the *Society for Existential and Phenomenological Theory and Culture* (EPTC) - (Canadian Congress of the Humanities and Social Sciences) - University of Regina, Regina. May 28-30, 2018 (P).

"Derrida and the Disappearance of the Master." *Derrida Today* 6. Concordia University, Montreal. May 23-26, 2018 (P).

"The Giving of the Torah: Judaism as an Understanding of Language." *Shavuot Night of Study*. Spanish & Portuguese Synagogue of Montreal, May 19, 2018 (I).

"New School and Old Ideas." *New School: Conversations about Teaching Outside the Box*. Dawson College, Montreal. April 16, 2018 (I).

Joseph Rosen

PUBLICATION

Rosen, Joseph. "The death of the Montreal bagel?" *The Globe & Mail*. Toronto. 23 Nov. 2018.
<https://www.theglobeandmail.com/opinion/article-the-death-of-the-montreal-bagel/>

ENGLISH

Sarah Burgoyne

PUBLICATIONS & COLLABORATIONS

"The be able to be not." Poetry by Sarah Burgoyne; Musical score by JP Merz. Released on record label National Sawdust Tracks, Brooklyn, New York. <https://nationalsawdust.org/album/lilith/>

Three poems: Tentaculum Sonnets (IV, V, and VIII), *Canthius Press* – Issue 6 "Transformative Kinships".

Three poems: Tentaculum Sonnets (I, II, and III), *Lemonhound 3.0*
<https://lemonhound.com/2018/03/15/sarah-burgoyne-three-sonnets/>

"The Castle Does (Not) Appear" exhibition text for Jamie Macaulay's "In the Hem of Emma Bovary's Winter Gown" at Forest City Gallery in London, Ontario, January 11-February 15, 2019.

<http://www.jamiemacaulay.com/index.php/in-the-hem-of-emma-bovarys-winter-gown/>

My (Small Press) Writing Day: Sarah Burgoyne "My Writing Day: OUR LADY OF THE CAUSTICS | AMATEUR PHYSICS".

<https://mysmallpresswritingday.blogspot.ca/2018/02/sarah-burgoyne-my-writing-day-our-lady.html>

1 poem: "What Comes After", *MuseMedusa* – 2019 Issue: The Amazons (forthcoming).

High Noon. Limited edition chapbook. Calgary, Alberta: No press. 16 pages. (forthcoming)

Anne Lewton Brain

CONFERENCE PAPERS, PUBLIC TALKS, AND WORKSHOPS

“The ‘Sensible Excellencie’ of Richard Crashaw’s Conversional ‘Song of Divine Love.’” Presented on 2 March 2019 at the *Department of English Faculty Scholarly Symposium* Dawson College, Montreal, QC.

“The ‘Sensible Excellencie’ of Richard Crashaw’s ‘Song of Divine Love.’” Presented on 8 February 2019 at *Early Modern Songscapes 2019*, The Centre for Reformation and Renaissance Studies, Victoria College, University of Toronto. Toronto, ON.

“The ‘Sensible Excellencie’ of Richard Crashaw’s ‘Song of Divine Love.’” Presented on 25 January 2019 at *The Future of Conversion Studies: A Conference for Early-Career Scholars*, McGill University, Montreal, QC.

“Workshopping a Workshop” dramaturgical lecture with Patsy Badir. Presented on 23 September 2019 at *Opera’s Changing Worlds: Education and Artist Training*, McGill University, Montreal, QC.

PUBLICATIONS

“Reflections on Pedagogical Day 2018.”

Academic Matters, <https://www.dawsoncollege.qc.ca/academic-matters/article/reflections-on-ped-day-2018/>, Dawson College, January 2019.

“Converting Sounds: A Report on a Workshop” *Early Modern Conversions Project*, <http://earlymodernconversions.com/converting-sounds/>, June 2018.

FRENCH

Carmen-Silvia Cristea

PUBLICATIONS

Carmen Cristea, « Fictions de l’Histoire dans *Les grands masques* de Marc Quaghebeur » dans Marc Quaghebeur (dir.) *Sagesse et Résistance dans les littératures francophones*, Bruxelles, P.I .E Peter Lang, 2018. <http://www.aml-cfwb.be/publications/titres/286562>

HISTORY AND CLASSICS

Stacey Zembrzycki

CURRENT RESEARCH

Stacey Zembrzycki and Nancy Rebelo (SSHRC) *Survivors on the Main: Witnessing the Holocaust, remaking home in Montreal.*

PUBLICATIONS

Katrina Srigley, Stacey Zembrzycki, and Franca Lacovetta. *Beyond Women's Words: Feminisms and the Practices of Oral History in the Twenty-First Century.* London: Routledge, 2018.

Katrina Srigley and Stacey Zembrzycki. Co-edited Special Section on "Decentering and Decolonizing Feminist Oral History." *Oral History Review* 45, no. 1 (Winter/Spring 2018).

Katrina Srigley and Stacey Zembrzycki, "Decentering and Decolonizing Feminist Oral Histories: Reflections on the State of the Field in the Twenty-First Century," *Oral History Review*, 5 October 2018. <http://oralhistoryreview.org/oha-annual-meeting/decentering-and-decolonizing-feminist-oral-histories-reflections-on-the-state-of-the-field-in-the-early-twenty-first-century/>

CONFERENCE PRESENTATION

"The Dangers of Everyday Oral History Interviewing: Building and Breaking Trust in the Field." Annual Meeting of the British and Northern Ireland Oral History Societies, Belfast, Northern Ireland, June 2018.

Elizabeth Kirkland

PUBLICATIONS

Elizabeth Kirkland, "SMITHERS, CHARLOTTE (Learmont)," in *Dictionary of Canadian Biography*, vol. 16, University of Toronto/Université Laval.

CONFERENCE PRESENTATION

"Reforming City Hall as Voters: Women and Montreal's Municipal Election of 1910", *Women's History Network*, University of Portsmouth, UK, 31 August - 1 September 2018.

PUBLIC LECTURES

"Lady Julia Drummond: The Great War and Social Reform", *Atwater Library Lunchtime Series*, 28 November 2018.

"Julia Drummond and the Great War", *Château Ramezay Winter Lecture Series*, 11 February 2019.

UPCOMING CONFERENCES & PRESENTATIONS

Crossing Boundaries and Constructing Linkages: The History of Montreal's Golden Square Mile in National and International Context, 19-20 June 2019.

Elizabeth Kirkland and Mary Ann Poutanen "Searching for Intimacies Beyond the Notman Photographs: A case study of Amy Redpath Roddick".

PURE, NATURAL AND APPLIED SCIENCES

BIOLOGY

Angela Rose Lapierre

DOCTORAL THESIS

Ph.D. Biology, Specialization Parasitology, Concordia University, Montreal QC, Title: "Experimental Evidence of Differences in Life History Characteristics and Interactions Between Cryptic Species of *Diplostomum* (Digenea)".

PUBLICATIONS

Angela Rose Lapierre, Marilyn E Scott, Dave Marcogliese, Dan McLaughlin. 2019. The spatial distribution and fecundity of sympatric species of *Diplostomum* (Digenea) in single and mixed species infections in the intestine of the ring-billed gull (*Larus delawarensis*). *Canadian Journal of Zoology*. Accepted for publication.

Angela Rose Lapierre, Dave Marcogliese, Dan McLaughlin. 2019. Research Note: A comparison of the egg development and hatching success of two molecularly-delineated species of *Diplostomum* (Digenea). *Comparative Parasitology*. Accepted for publication.

Tonia De Bellis

CONFERENCE PRESENTATION

T. De Bellis, V. Pompa, S. Kembel and JP Lessard. Co-occurring native sugar maple and invasive Norway maples host distinct root-associated microbial communities. The Ecological Society of America, Annual Meeting. 2018. New Orleans, USA.

GRANTS AWARDED

How do green roofs select for mycorrhizal fungal traits?, Quebec Center of Biodiversity Seed Grant Collaborators on grant: Pierre-Luc Chagnon (Université de Montréal), Jacques Brisson (Université de Montréal), Danielle Dagenais (Université de Montréal), Tonia de Bellis (Dawson College).

PHYSICAL EDUCATION

Joanna Farmer

Joanna Farmer, a physical education teacher, is conducting a study on posture to document the incidence of common posture imbalances among students; to establish the relationship of skeletal alignment to parameters of fitness; and to identify the factors in everyday living that affect posture.

MATHEMATICS

Richard Fournier

PUBLICATIONS

(with St. Ruscheweyh), “On two interpolation formulas for complex polynomials”, *New Trends in Approximation Theory*, Fields Institute Communications 81,225-234, Springer-Verlag, 2018.

(with St. Ruscheweyh), “On two inequalities for polynomials in the unit disk”, *Progress in approximation theory and applicable analysis*, Springer Optim, Appl.,117, 75-82, Springer-Verlag, 2018.

(with Brandon Ruffolo), “On divergent series with positive terms”, *Dawson Research Journal of Experimental Science* 13 (2018), 28-29.

“Sur l’inégalité de Cauchy-Schwarz-Bunyakovsky”, *Bulletin de l’Association Mathématique du Québec* 58(2018), 60-63.

“On Jack’s lemma”, accepted for publication in *Rocky Mount. J. Math.*, 2018.

(with Oliver Roth), “Jack and Julia”, accepted for publication in *Contemporary Mathematics* (CRM Lecture Notes), 2018.

(with Jiaho Deng), “On a certain type of universality for real series”, accepted for publication in *Dawson Research Journal of Experimental Science*, 2018.

(with Daniela Kraus and Oliver Roth), “A Schwarz lemma for locally univalent meromorphic functions and normal families”, submitted for publication in *Proc. Amer. Math. Soc.*, 2019.

“An interpolation formula and its relation to a polynomial equality of Schur”, submitted for publication in *Math.Ineq. Appl.*, 2019.

(with Jérôme-Melville Giguère), “Sur une conjecture concernant les séries à termes décroissants et positifs”, submitted for publication in *Bulletin de l'Association Mathématique du Québec*, 2019.

(with Jonathan Halimi and Dragos Secreriu), ‘An elementary alternating series’, submitted for publication in *Dawson Research Journal of Experimental Science*, 2019.

*joint publication with Dawson students

CONFERENCE PRESENTATIONS AND SEMINARS PRESENTED

On Abel’s theorem for power series with an application. Dawson College, Mathematics Presentations, May 2018.

On Jack’s lemma. A conference in celebration of Tom Ransford 60th birthday, Université Laval, Québec, May 2018.

Three facts about Jack’s lemma. International conference on complex analysis, potential theory and applications, University College, Dublin.

Proofs without words. Dawson College, Camp mathématique de l’AMQ, June 2018.

Sur quelques inégalités classiques. Dawson College, Camp mathématique de l’AMQ, June 2018.

An Interpolation formula.–Special Session on Modern Quasiconformal Analysis and Geometric Function Theory, AMS Sectional Meeting (University of Delaware) September 2018.

CONTINUING RESEARCH GRANTS

FRQNT (Quebec) “Regroupements Stratégiques “Research grant obtained as a member of Centre de Recherche Mathématiques (U de M).

FRQNT (Quebec) « Programme de recherche pour les chercheurs de collège »

Benjamin Seamone

Visiting research professor for 6 months at the Laboratoire Bordelais de Recherche en Informatique (LaBRI) at the Université de Bordeaux.

PAPERS ACCEPTED FOR PUBLICATION

(with I. Gromovikov, B. Kinnersley) Fully active cops and robbers. *Australasian Journal of Combinatorics*.

PAPERS SUBMITTED FOR PUBLICATION

(with D. Khatri, N. Komarov, A. Krim-Yee, N. Kumar, V. Virgile, A. Xu) A study of cops and robbers in oriented graphs.

(with A. Krim-Yee, V. Virgile) Eternal domination in prisms over graphs

(with A. Gagnon, A. Hassler, J. Huang, A. Krim-Yee, F. Mc Inerney, V. Virgile, A. Zacarías) A method for eternally dominating strong grids

INVITED TALKS

Eternal domination in graphs, LaBRI Graphes et Optimisation seminar, Université de Bordeaux, France

Eternal domination in graphs, Combinatorial algorithms and algorithmic graph theory seminar, Ghent University, Belgium

RESEARCH AWARDS AND HONOURS

“Sejour en France” travel award, Centre de recherches mathématiques

Direction des affaires internationales mobility award, Fédération des CEGEPS

STUDENT SUPERVISION

Graduate students (Université de Montréal)

Frank Ramamonjisoa (PhD)

Alizée Gagnon (MSc)

Jérémie Turcotte (MSc)

Virgélot Virgile (MSc)

CEGEP students (Dawson College)

AnQi Xu (supported by FRQNT Bourses de stages d'été)

Aaron Krim-Yee

Visiting international students (supported by MITACS Globalink)

Nithish Kumar (BSc, National Institute of Technology - Tiruchirapalli, India)

Devvrit Khatri (BSc, Birla Institute of Technology and Science Pilani, India)

Kengatharam Thirulogasanthar

RESEARCH COLLABORATIVE VISITS

Dept. of Math. and Stat., University of Jaffna, Jan 2019-June 2019 Visiting Scholar.

Dept. of Math. and Stat., University of Jaffna, Jan 2018-June 2018 Visiting Scholar.

ONGOING RESEARCH GRANT

Fonds de recherche du Québec - Nature et technologies (FRQNT) grant «Programme de recherche pour les chercheurs de collège »

ACCEPTED OR PUBLISHED ARTICLES IN JOURNALS

B. Muraleetharan, K.Thirulogasanthar, Weyl and Browder S-spectra in a right quaternionic Hilbert space, *J. Geom. Phys.* 135 (2019), 7-20. <https://doi.org/10.1016/j.geomphys.2018.09.006>.

B. Muraleetharan, K. Thirulogasanthar, Fredholm operators and essential S-spectrum in the quaternionic setting, *J. Math. Phys.* 59, 103506 (2018); doi: 10.1063/1.5040017.

B. Muraleetharan, I. Sabadini, K. Thirulogasanthar, S-Spectrum and the quaternionic Cayley transform of an operator, *J. Geom Phys.*, 124 (2018), 442-455.

El Hanchi Ayoub, Cristina Teodora Pop, K. Thirulogasanthar, Quaternionic exponentials and possible applications, *Dawson Research Journal of Experimental Sciences*, 13 (2018), 25-28.

ARTICLES IN REFEREED CONFERENCE PROCEEDINGS

M. Khokulan, K. Thirulogasanthar, S. Srisatkunarajah, *Fusion frames in left quaternionic Hilbert spaces*, Proceedings of the 26th Annual Scientific Sessions of Jaffna Science Association, **26**(1), Jaffna (2019) (Accepted).

M. Khokulan, K. Thirulogasanthar, S. Srisatkunarajah, *Bessel sequences in quaternionic Hilbert spaces*, Proceedings of the 25th Annual Scientific Sessions of Jaffna Science Association, May 8-10, **25**(1), Jaffna (2018) Page7 (Extended abstract).

K. Thirulogasanthar, B. Muraleetharan, *Canonical squeezed and fermionic coherent states in a right quaternionic Hilbert space with a left multiplication on it*, Chapter 8, *Coherent States and their Applications: A Contemporary Panorama*, J-P. Antoine, F. Bagarello, and J-P., Gazeau (Eds), Springer- Verlag, Berlin (2018), pp. 135-155.

Submitted articles

B. Muraleetharan, K. Thirulogasanthar, Kato S-spectrum in the quaternionic setting, Submitted to journal (available at arXiv:1904.02977/math.FA).

M. Khokulan, K. Thirulogasanthar, Frame multipliers for discrete frames on quaternionic Hilbert spaces. submitted to Journal (available at arXiv:1805.01594/math.FA (physics.math-ph).)

K. Thirulogasanthar, B. Muraleetharan, Squeezed states in the quaternionic setting. submitted to journal (available at arXiv:1706.00686).

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.OA])

CONFERENCE AND SEMINAR PRESENTATIONS

K. Thirulogasanthar, Some new research ideas in non-commutative setting, Presented at the Department of Mathematics and Statistics, University of Jaffna, Sri Lanka, held May 30, 2018.

GRADUATE STUDENTS AND STUDENT PROJECTS

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

B. Muraleetharan (M. Phil degree, University of Jaffna, Sri Lanka), Supervisor, Thesis title: Quaternionic reproducing kernel Hilbert spaces, (January 2014-March 2019). Degree confirmed.

Physics

Maria Dikeakos

She is a member of the UDL (Universal Design for Learning) community here at Dawson College. She received release time during the Fall of 2018 to work on UDL research: providing alternatives to traditional physics lab experiments and quizzes so as to provide students with choices suitable to their needs.

She organised and ran the annual Sir Isaac Newton Exam in May of 2018. The Sir Isaac Newton Exam is a basic physics exam offered by the University of Waterloo and held at Dawson College. Students from all over the world participate. The exam is challenging but it is meant to be fun and to provide students with an opportunity to shine.

Volodymyr Feshchenko

Feshchenko, V. and Feshchenko, G. (2018) Nonstationary Stimulated Raman Scattering by Polaritons in Continuum of Dipole-Active Phonons. *Journal of Applied Mathematics and Physics*, 6, 405-417. <https://doi.org/10.4236/jamp.2018.62038>

PHYSIOTHERAPY TECHNOLOGY

Alison Gelinis and Vanessa Gangai

For many people living in the regions of Quebec, access to English healthcare services is extremely difficult. Through Health Canada funding by way of Dialogue McGill, Vanessa Gangai and Alison Gelinis are working to change this reality. Their inter-professional education project, "Student Retention through Fall Prevention" aims to both recruit Eastern Townships students to study at one

of Dawson's healthcare programs and to provide English health information to seniors living in the Eastern Township communities.

Phase one of the project took place during the winter semester and consisted of 11 bilingual Physiotherapy Technology and Social Service students collaborating to create and present two outreach workshops. These highly interactive and well-received workshops were given in Lennoxville, Quebec and welcomed 120 prospective high school students and 49 community-dwelling seniors. The full-day, education and recruitment trip also included a visit to a potential healthcare employment institution and points of interest in the region.

The next phase of the project will target another Eastern Townships community and hopes to include more disciplines from amongst Dawson's healthcare programs. Video footage of the initiative will be shared with the Dawson community in the fall to highlight the shortage of English healthcare services in the regions and potentially attract graduates to seek employment in these areas.



ELECTRONICS ENGINEERING TECHNOLOGY

Sharon Shasha

As part of her Masters thesis in Information Security at Concordia, she conducted research into the security and privacy of smart toys (funded by a grant from the Privacy Commissioner of Canada).

Her research was published in the IEEE Internet of Things journal:

<https://ieeexplore.ieee.org/abstract/document/8502818>. Additionally, she and her colleagues have

hosted a web site on the topic for the general public:

<https://madiba.encs.concordia.ca/reports/OPC-2017/index.html>.

CREATIVE & FINE ARTS

CINEMA & COMMUNICATION

Reisa Levine

A bilingual experiment in collaborative networked teaching / Apprentissage collaboratif en réseau et bilinguisme, <https://www.vteducation.org/en/articles/collaborative-learning/a-bilingual-experiment-collaborative-networked-teaching>. It is the story of a collaborative classroom experience shared with her colleague Bruno Santerre from cegep André-Laurendeau. This VTE and ECQ supported project was the culmination of a 6 month experiment in co-teaching with Emergent platform technologies.

She presented on the panel entitled: Datafication, Mediation, Creation: Approaches to algorithmic sources of data-re-mediation and re-creation at the Digital Cultures conference, held last September at Leuphana University in Lüneburg, Germany. The panel explored current research and creation initiatives focusing on the role of big data in the media arts. Her multi-media presentation within this panel examined two Montreal based initiatives; The interactive and data-driven Jacques Cartier Bridge project as well as the Secret Chord piece as part of the Leonard Cohen exhibit. Her talk discussed the implications of using big data as drivers for artistic creation. <https://digitalculturesconference.org>. The international Digital Cultures conference brought together academics and practitioners working in contemporary issues surrounding digital media and especially how our cultures have been impacted by rapid changes in technology.

Andrew Katz

Genre: Picture book

Title: *How To Catch A Bear Who Loves To Read*

Published simultaneously in French as *Comment attraper un ours qui aime lire*

Authors: Andrew Katz and Juliana Léveillé-Trudel

Published: CrackBook! Books

Publishing date: November 6, 2018

ISBN-13 (English version): 978-2924786475

He and his co-author wrote an article about their creative process in writing the book, titled “Writing With Four Hands In Two Languages,” which will appear in Canadian Children’s Book News (a national magazine dedicated to books for young people) in June 2019. Their book will also be featured in the Westmount Library’s 2019 Summer Story Walk.

FINE ARTS

Lynn Millette

Lynn Millette was a panelist at the conference organized in conjunction with the exhibition, *Uncommon*, at the John B. Aird Gallery in Toronto. The group exhibition, *Uncommon* created a broader awareness of Dawson College's Fine Arts Department and its Faculty, and served to contribute to the dynamic presence of the John B. Aird Gallery in the Toronto cultural scene.

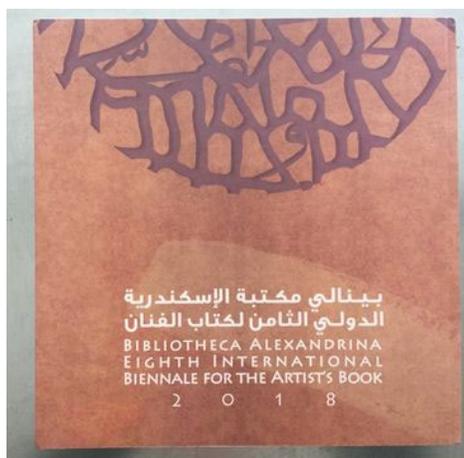
August 9, 2018, Lynn presented a paper as the representative for Dawson College. Other panelists included Scott Waters from York University, Catherine Heard from the Ontario College of Art and Design, Carolina Reis from Le Centre Labo in Toronto. The topic of her paper was about how her studio practice is related to her teaching approach and practices.



Natalie Olanick

Art Exhibition: "*Uncommon*",
Exhibitor, and coordinator,
August 7-31, 2018,
John B. Aird Gallery: Toronto, Ontario

Book Exhibition:
"8th International Biennale
for the Artist's book"
Olanick Natalie, Ward Ledger
Alexandrina Egypt, 2018
www.bibalex.org



PROFESSIONAL THEATRE

Bruce Lambie

He adapted a stage version of *The Shadow Over Innsmouth*, by H.P. Lovecraft, and, presented it with a team of local actors as a staged reading at MainLine Theatre in January 2019, with projection elements by Johnny Cann. The team was assisted in this project by a grant from the National Theatre School of Canada.

ADAPTECH RESEARCH NETWORK



The Adaptech Research Network consists of a team of academics, students and consumers. It is co-directed by Catherine Fichten (Psychology, Dawson) and Jennison Asuncion. Alice Havel (Dawson Scholar in Residence), Laura King (teacher at Cégep André-Laurendeau) and graduate student Mary Jorgensen 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, free or inexpensive software useful to

students with various disabilities, students' personal mobile technologies in the academic context, and issues related to PowerPoint and its accessibility. 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

The Leverhulme Trust

2016-2019

International Network Grant

Disabled students, ICT, post-compulsory education & employment: in search of new solutions

Awarded to Seale, J., Fichten, C., Heiman, T., Fissler, B., & Burgstahel, 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.

Canada-Québec Entente	2018-2019
Translation Awarded to C. Fichten	
Dawson College	2018-2019
Support Academic Success of Students with Special Needs (S051) Personal Technology in the Classroom Awarded to C. Fichten	
Canada-Québec Entente	2018
Action spontanée Permettre aux conseillers des collèges et universités d'aider leurs diplômés à trouver un emploi Awarded to C. Fichten	
Employment and Social Development Canada	2018
Canada Summer Jobs Awarded to Fichten, C.S.	
Canada-Québec Entente	2018
Translation Awarded to C. Fichten	
Social Sciences and Humanities Research Council (SSHRC)	2017-2018
Partnership Engage Grant Employment of postsecondary graduates with disabilities Awarded to Fichten, C., Havel, A., & King, L., in collaboration with Asuncion, J., & AQEIPS	

Recognitions

Rioux-Massie, M.-E. (2018). Member of the Chaire de recherche sur l'intégration et la gestion des diversités en emploi (CRIDE), Université de Laval, Québec.	2018
Fichten, C. Member of the Board of Directors. Association québécoise pour l'équité et l'inclusion au postsecondaire (AQEIPS)	2015-present

Journal Reviews

Dawson Research Journal of Experimental Science	2018
Revue internationale de pédagogie de l'enseignement supérieur (RIPES)	2019
International Journal of Disability, Development and Education	2018

Refereed Publications

Fichten, C. S., Jorgensen, M., Asuncion, J., Havel, A., King, L., Budd, J., Nguyen, M. N., & Amsel, R. (2018). Information and communication technologies: Views of Canadian college students and “excellent” professors. *Journal of Education and Training Studies*, 6(9), 1-12. doi:10.11114/jets.v6i9.3390

Fichten, C. S., Havel, A., King, L., Jorgensen, M., Budd, J., Asuncion, J., Nguyen, M. N., Amsel, R. & Marcil, E. (2018). Are you in or out? Canadian students who register for disability-related services in junior/community colleges versus those who do not. *Journal of Education and Human Development*, 7(1), 166-175. doi:10.15640/jehd.v7n1a19

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

Fichten, C., Jorgensen, M., King, L., Harvison, M., & Havel, A. (2019, April). What they do and what they can do: Taking advantage of Social-Science students' personal mobile technologies in class. *The Bulletin Psych & Anthro*, 3, 3.

Raymond, O., & Havel, A. (2019). Répondre aux besoins de la diversité des étudiants (special edition). *École branchée*, 21, 16-17.

Rioux-Massie, M.-E., Lussier, A., Havel, A., & Jorgensen, M. (2019). Technologies pour étudiants postsecondaire avec TDA/H: Ne dites pas non avant d'avoir essayé! (Partie 1). *Inspirations*, 10(3), 14.

Adaptech Research Network. (2018, September). Help wanted: 14 item screening tool for students with disabilities seeking employment. Montréal, Québec: Author.

Adaptech Research Network. (2018). Postsecondary students with disabilities seeking employment: Three tools for students and the professionals who advise them. Centre de Documentation Collégiale. Retrieved from <https://eduq.info/xmlui/handle/11515/36719>

Adaptech Research Network. (2018, September). Tip sheet for professionals. Montréal, Québec: Author.

Adaptech Research Network. (2018, September). Tips for students with disabilities seeking employment. Montréal, Québec: Author.

Fichten, C. (2018, September). Students' perspectives on how their teachers should use PowerPoint: Six easy fixes. *The Bulletin Psych & Anthro*, 2, p. 2.

Refereed Conference Presentations

Jorgensen, M., Havel, A., King, L., Fichten, C., Lussier, A., Harvison, M., & Vo, C. (2018, May). The power of PowerPoint: Student, teacher and professional perspectives. Presentation at the 7th Annual

Supporting Active Learning and Technological Innovation in the Studies of Education (SALTISE) Conference, Montreal, Québec.

Talks, interviews, presentations, and invited addresses

Vo, C. (2019, April). Invited panel member, Student Roundtable: Experiences and self-advocacy: accessibility in the digital classroom. Presentation at the accessXchange Conference, Montréal, Québec.

Havel, A. (2019, March). A parent's perspective on raising children with LD. Presentation for the Special Care Counselling Program at Lasalle College, Québec.

King, L., Jorgensen, M., Fichten, C., Havel, A., Lussier, A., Vo, C., & Harvison, M. (2019, April). 20+ years of Adaptech Findings. Presentation at the accessXchange Conference, Montréal, Québec.

Fichten, C. (2018, May). Past, present and future: The good, the bad and the ugly. Presentation at the SSHRC President Visit, Dawson College, Montreal.

Fichten, C., King, L., & Havel, A., in collaboration with members of the Adaptech Research Network. (2018, October). Postsecondary students with disabilities: How research informs practice. Presentation at the 4th Ed-ICT International Network Symposium, Hagen, Germany.

Havel, A., & Fichten, C., in collaboration with King, L., Jorgensen, M., Asuncion, J., Nguyen, M. N., Budd, J., Jorgensen, S., Lussier, A., Amsel, R., Chauvin, A., & Vo, C. (2018, November). Cracking the door open on research. Presentation at the Opening Doors for Accessibility Seminar.

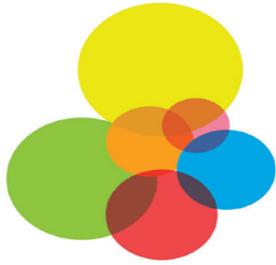
Havel, A., Fichten, C., King, L., & Jorgensen, M. (2018, October). Transitions for students with disabilities and technology: Better in theory than practice. Presentation at the 4th Ed-ICT International Network Symposium, Hagen, Germany.

Jorgensen, M., King, L., Fichten, C., Lussier, A., & Havel, A. (2018, April). Let research help you navigate the waters of technology in the classroom. Webinar for the Association pour les applications pédagogiques de l'ordinateur au postsecondaire (APOP).

Tests and Tools / Measures

Adaptech Research Network & AQEIPS. (2018). "Adaptech-AQEIPS Employment Questionnaire for Post-Secondary Graduates and Students". Montréal, Québec: Author.

Adaptech Research Network & AQEIPS. (2018). "Questionnaire d'Adaptech-AQEIPS sur l'emploi pour les diplômé(e)s et étudiant(e)s du niveau postsecondaire". Montréal, Québec : Author.



CRISPESH

Centre de recherche pour l'inclusion scolaire
et professionnelle des étudiants
en situation de handicap

CRISPESH, Center for Research for the Inclusion of People with Disabilities, is a Collegial Center for the Transfer of Technology in Innovative Social Practices (CCTT-PSN), born of a partnership between Dawson College and Cégep du Vieux Montréal. By focusing on applied research, CRISPESH bridges the gap between research and the community. The transfer of knowledge is also an essential step in the process of making research findings accessible and useful to the community. It entails adapting and implementing strategies of appropriation for the community by means of customized training, conferences and professional development. Moreover, the Center offers coaching and consultation services to support businesses and organizations. This report highlights the important research activities that contribute to the fulfillment of CRISPESH's mission of inclusion of people with disabilities.

CURRENT PROJECTS

The year 2018-2019 started with three new projects funded by Ministry of Education and Higher Education, Ministry of Economy and Innovation (MEI) and Natural Sciences and Engineering Research Council of Canada (NSERC) respectively. Through these three projects, CRISPESH consolidates one of its niches of expertise in professional inclusion and expand its service offerings to First Nations. This is an important new deployment, as these peoples tend to have a proportionately greater number of individuals living with disabilities and experience a multitude of systemic barriers and inequality in education and employment. The unemployment rate among First Nations people is much higher than the national average. On the other hand, the needs of Indigenous people with disabilities are not yet understood and employment agents do not feel that they have the means to provide appropriate services to support First Nations people with disabilities in finding employment. In collaboration with our partner organizations in the area of employment, education, health and social services, we aim to co-construct contents and tools that are solidly grounded in the First Nations understandings of disability in conjunction with the social model of disability. Together, we promote the environments necessary for successful social inclusion of First Nations people with disabilities and enabling staff to provide much needed specialized and appropriate services to those people.

Here is the list of newly funded research projects:

Réhabiliter le rôle social des personnes en situation de handicap : outiller les agents d'employabilité dans les points de services des Premières Nations (Restoring the role of First Nations persons with disability in the community)

Programme d'aide à la recherche et au transfert (PART) – Volet innovation sociale

Ministry of Education and Higher Education

Duration of the project: 12 month

Partner organization:

First Nations Human Resources Development Commission of Quebec (FNHRDCQ)

Soutenir l'inclusion professionnelle des personnes en situation de handicap issues des Premières Nations (Support for the professional inclusion of First Nations people with disabilities)

Programme d'innovation dans les collèges et la communauté (ICC)

Natural Sciences and Engineering Research Council of Canada (NSERC)

Duration of the project: 24 months

Partner organizations:

First Nations Regional Adult Education Center

First Nations Human Resources Development Commission of Quebec (FNHRDCQ)

First Nations of Quebec and Labrador Health and Social Services Commission (FNQLHSSC)

Femmes Autochtones du Québec Inc.

Service d'aide à l'emploi et de placement en entreprises pour personnes handicapées Montérégie

Soutien à la personne handicapée en route vers l'emploi (SPHÈRE)

Développement d'une formation sur support numérique pour améliorer la qualité des services aux personnes en situation de handicap issues d'une Première Nation (Development of digital training tool to improve the quality of services offered to First Nations people with disabilities)

Programme de soutien à la recherche

Ministry of Economy and Innovation

Duration of the project: 24 months

Partner organizations:

First Nations Regional Adult Education Center

First Nations Human Resources Development Commission of Quebec (FNHRDCQ)

First Nations of Quebec and Labrador Health and Social Services Commission (FNQLHSSC)

COMPLETED PROJECTS

The Incubator project funded by the Social Sciences and Humanities Research Council (SSHRC) is now complete. CRISPESH, Cégep du Vieux Montréal and Dawson College joined five First Nations organizations in the development of an inclusive business incubator model adaptable to local specificities and particular needs of Indigenous entrepreneurs. Indeed, entrepreneurship in Indigenous communities can be a flexible way for people who are excluded from the labor market to start their

own business in a manner consistent with their abilities and expectations, thereby expanding their opportunities for professional and social inclusion. To make this path possible and sustainable, it is first and foremost necessary for business incubators to be adaptable to the complexities of the local context and to the diverse needs and aspirations of entrepreneurs, while providing them with support and resources.

The pioneering tripartite (CPQ-ROSEPH-CRISPESH) project financed by Emploi-Québec aiming to develop trainings that help managers equip themselves to hire people with disabilities also came to an end. CRISPESH participated in the research, content development and production of employer training materials. To ensure the long-term sustainability of the project's impact in the community, the project partners continue to work together in disseminating trainings to managers based on their needs.

Within the initiative supported by OPHQ, CRISPESH produced two video capsules. The animation capsule on the benefits of accommodation aims to deconstruct the prejudices that hinder the employment of people with disabilities and that prevent companies from having access to competent human resources. The other capsule highlights a positive experience of real inclusion at work of a person with a disability. Our campaign has aroused interest among all those who have seen these videos. Although the campaign came to an end, we foresee that the capsules and the reference and resource guide that we have made available to the public help to reduce prejudices and change employers' attitudes and practices in relation to accommodations for people with disabilities.

Here is the list of the projects completed in 2018-2019:

Incubateur d'entreprises inclusif destiné aux autochtones

Subventions de développement de partenariat – Fonds d'innovation sociale destiné aux communautés et aux collègues. Social Sciences and Humanities Research Council (SSHRC)

Partner organizations:

Dawson College

First Nations Adult Education School Council/First Nations Human Resources Development

Commission of Quebec (FNHRDCQ)

Proposition d'une trame de formation basée sur les besoins des gestionnaires. Gestion de la diversité et inclusion professionnelle des personnes en situation de handicap

Emploi-Québec

Partner organizations:

Conseil du patronat du Québec (CPQ)

Regroupement des organismes spécialisés pour l'emploi des personnes handicapées (ROSEPH)

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

Programme de soutien aux organismes de promotion (PSOP)

Office des personnes handicapées du Québec (OPHQ)

Research and Grant Management team 2018-19

Uzma Jamil, PhD

Dr. Uzma Jamil in 2018-19 has supported research at the College by advising researchers throughout the academic year in areas of grant writing, applications and final reports as well as managing the reporting of grant funds to the respective agencies.

Daniel Tesolin, M.A.

Daniel started at Dawson College in the Science, Medical Studies and Engineering Sector in 2012. Since then he moved on to hold positions in research ethics administration and research administration. Daniel recently returned to Dawson in 2019 after spending some time on an LTA at McMaster University in Hamilton, Ontario as the Research Ethics Officer. During his time at McMaster, Daniel was responsible for managing the ethics review process for the main university research ethics board and the seven student research ethics committees, providing research ethics advice to faculty researchers, undergraduate and graduate students. He also gave multiple guest lectures to undergraduate students in the School of Social Work and Department of Psychology, Neuroscience and Behaviour and other departments. He holds a Bachelor of Arts in Philosophy from Concordia University as well as a Master of Arts in Theological Studies, specializing in methodology in bioethics. His thesis focused on the intersection of principles-based ethics and Bernard Longeran's generalized empirical method and value theory.

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