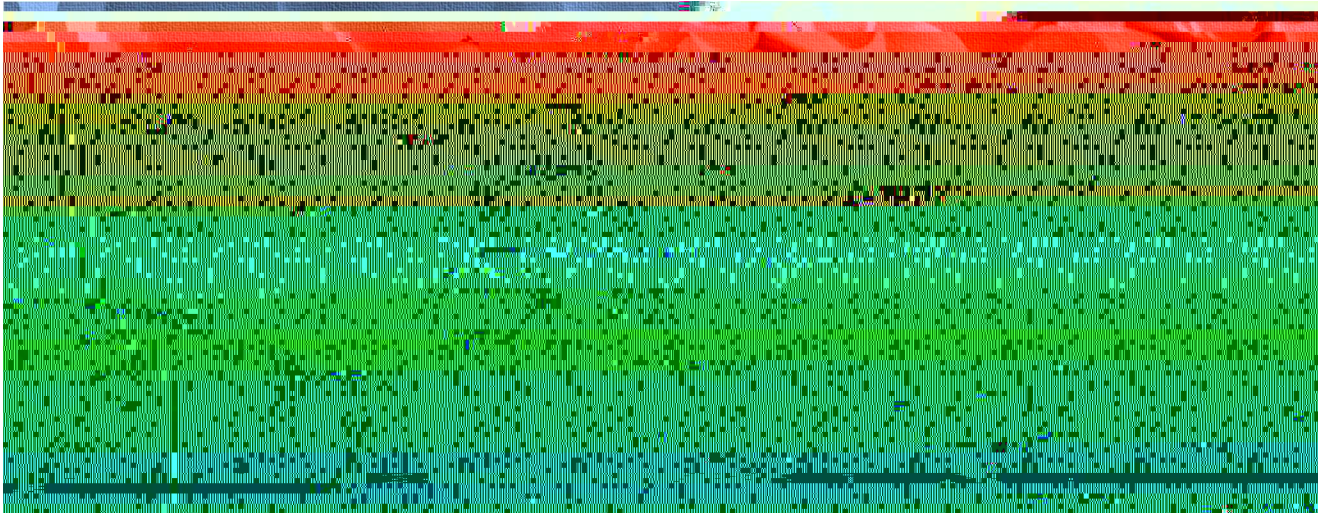




**ANNUAL RESEARCH
REPORT
2020/2021**



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Research Highlights

Despite the tumultuous past 18 months caused by the COVID 19 pandemic, which resulted in a re-distribution of funding, the Dawson research community were nonetheless active publishing, presenting their research at conferences, collaborating with each other and with other institutions, and revising their research project in pandemic time and for a post-pandemic world.

Due to the administrative halt caused by the pandemic, the funding for 2019/2020 has been melded with 2020/2021, to better reflect the reality. In total, there were 25 grant-funded projects underway, supporting 15 researchers. The total funding, including release, was approximately \$878,150.

DAWSON RESEARCH ACTIVITIES
2020-2021

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CATHERINE FICHEN

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 [Adapted Research Network](#). Catherine's sleep research focuses on the following areas: insomnia, obstructive sleep apnea and primary care, metabolic syndrome and obstructive sleep apnea, definition and predictors of good and poor sleep quality, 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.

FUNDING

Ministère des Transports, Mobilité durable et Sécurité routière, simulateur de conduite et micro-sommeils (Awarded to S. & Eliban E - \$172,655).

2019-2021

RESEARCH PUBLICATIONS 2020-2021

2021 Rizzo, D., Eliban, E., Balzan, M., Fichten, C., Bales, SB
Z... a so ... nt ... eate ... ACE studiv

SYLVIA COX

Sylvia Cox is co coordinator of Dawson Research in Neuroscience Group and together with H    e Nadeau (Physics) responsible for the development and supervision of a wealth of student research projects (for a detailed description of activities, projects and student supervision please

SOCIAL SERVICE

DENISE MICHÈLE BÉREND

PUBLICATIONS

Dignault, J. & Bérend, D. (in press). Les enfants et les adolescents victimes de violence sexuelle, conséquences et perspectives développementales. In N. Fontaine (Ed.), Troubles du développement psychologique et des apprentissages (Vol. 1). Louvain-la-Neuve, Belgique: De Boeck Supérieur.

Fiédette, N., Milord-Nadon, A., Bérend, D.M., Golin-Vézina, D. (in press) Le Programme Pinguin auprès des enfants de 6 à 12 ans hébergés en centre de réadaptation par les Éditions du CIUSSS du Centre-Sud de l'Île de Montréal (Collection de l'HUD).

Bérend, D.M. (2021). Meaning/Making Change: Interpretive Phenomenological Analysis and an Epistemology of Power. In A. H. Shaban (Ed.), Overcoming fieldwork challenges in social science and higher education research (pp. 96-117). IGI Global.

Bérend, D., & Golin-Vézina, D. (soumis). Stronger Together: workplace social support among residential child welfare and youth justice professionals. Child Abuse & Neglect.

Black, K., Golin-Vézina, D., Bérend, D., Romano, E. (soumis). Trauma-Informed Attitudes in Juvenile Residential Treatment Settings: Staff and Child/Youth Factors Predicting Adoption, Maintenance and Change Over Time. Child Abuse & Neglect.

Bérend, D.M., & MacIntosh, H.B. (2020). Mentalizing as Mechanism: An Interpretive Phenomenological Analysis of Workplace Social Support in Intimate Partner Violence Practice. *Smith College Studies in Social Work*, 1-26. <https://doi.org/10.1080/00377317.2020.1859432>

Bérend, D. (2020). Residential Child Care Workers in Child Welfare and Moral Distress. *Children and Youth Services Review*, 105621. <https://doi.org/10.1016/j.chidyouth.2020.105621>

Golin-Vézina, D., Bérend, D., Black, K., Beaman, I., & Brown, S. (2020). Impacts of child welfare workers and clientele characteristics on attitudes toward trauma-informed care. *Developmental child welfare*, 0(0), 2516103220963139. <https://doi.org/10.1177/2516103220963139>

Golin-Vézina, D., Bérend, D., & Beaman, I. (2020). When it counts the most: Trauma-informed care and the COVID-19 global pandemic. *Developmental child welfare*, 0(0), 2516103220942530. <https://doi.org/10.1177/2516103220942530>

Bérend, D., & Sprang, G. (2020). Trauma-informed care in child welfare: An imperative for residential child care workers. *The International Journal of Child and Adolescent Resilience (IJCAR)*, 7(1), 154-165.

Bérend, D., Fiédette, N., Milord-Nadon, A., Robinson, T., & Golin-Vézina, D. (2020). Implementing trauma-informed care through social innovation in child welfare residential treatment centres serving elementary school children. *The International Journal of Child and Adolescent Resilience (IJCAR)*, 7(1), 222-232.

Bogossian, A & Bend, DM (2021, na) Seeking Social Justice with Interpretive Hermeneutical Analysis Sixteenth Annual International Congress of Qualitative Inquiry, Urbana, Illinois

Colin Vézina, D Bend, D & Matte-Landy, A (2021, na) Implantation de pratiques axées

GRANTS

**Canadian Consortium on Child Trauma and Trauma-Informed Care: Developing
cohesive intersectoral practices and policies to support trauma impacted children and youth,
Social Sciences and Humanities Research Council of Canada (SSHRC) –
Partnership Grants \$2,499,658 Chercheur principal: Collin Vézina, Delphine
Co Chercheurs: Afifi, Tiade, Alaggia, Ramona, Arnold, Paul, Bennett, Sue, B**

LIBERALISM

BEVERLYSING

Submitted a calligraphy scroll to the 13th Annual Japanese Calligraphy

ARIS, LITERATURE AND COMMUNICATIONS

CINEMA COMMUNICATIONS

MIRIAM RAHA

ONGOING

Chatbots et récit – Research Grant **2020-2022**
Programme Nova Science Soutien aux initiatives de formation en intelligence artificielle in
partnership with l'Université de Montréal (U) and Cégep St. Laurent.

CoP- AI Research Fellowship **Winter 2021**

Development and discussions pertaining to pedagogical issues in AI

CONFERENCE ATTENDANCE AND PRESENTATIONS

Miriam Raha CRIP - Colloque international en éducation Chatbot et Récit : recherche
développement sur l'utilisation des agents conversationnels (chatbots) pour le récit audiovisuel
(May 6-7, 2020)

SEMINARS ATTENDANCE AND PRESENTATION

ENGLISH

ANDREW KATZ

**Published List Want to be Super! / Je
Suis Super Nini! in Ire 2020 (ages 3
7) through Gabbont Books. The
illustrations were done by Tony
Luzan, a grad from the Dawson
Illustration department. His book
Comert Altanerun Ois Qis Aine
Ire (a picture book for 37), that was**

**cowritten with Jillian Léveillé Tudel and illustrated
by Joseph Sheman was nominated for Prix Reupier**

KRISTOPHER WOOFER

RESEARCH GRANTS

HQSC.5 course release for 4 Years

2020-2024

**(May 2021) Book Co-Editor (with Will Dodson) and "Introduction" The
Grimm of The Hoper: The American Twilight. Austin University of
Texas Press**

FRENCH

DEMA MAZOUZI

Dema Mazouzi's field of study has in general been 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. This year Dema Mazouzi realisations include:

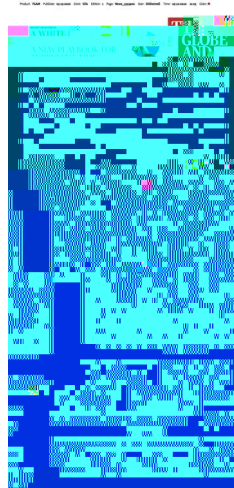
Journal issue: Dema Mazouzi (dir), « Méditations, écrits et

PHOTOGRAPHY

KATE HUTCHINSON

Kate Hutchinson has published a Saturday cover image for the Globe and Mail, and has had a feature article about some of her work in Miscreant Magazine.

www.katehutchinson.com



THEATRE

BRUCE LAMBE

Created and released a radio drama of Shakespeare's Richard III with the Radio Drama Society of Montreal. I edited and mixed the lines of dialogue, all recorded at home by dozens of Montreal actors. Act One has been published on audio: <https://open.spotify.com/episode/291sg3fKzWlNSA1adU?si=K6DU2UQ08QRHwBM/w>

- Directed Red Paper, a short honor play by local company The Malicious Basement, which was presented online as filmed theatre as part of the 2021 Festival De La Bête Noire

- Stage managed and production designed Tartuffe Buffo the 4th studio this season by the Professional Theatre department, which was presented both in person and live streamed over YouTube

LESLIE BAKER

Leslie Baker received

CAIQ grant for theatrical performance

CAM grant for theatrical performance

Grant from Italian Cultural Institute in support of theatrical performance

Based on her exploration of the current state of cloud based computing she was able to implement a several repositories of sample code that can be used as a basis for labs and lectures. These were made public on github github.com/campbel13/dbd-req2020

The pandemic with it's associated increase in workload limited her ability to share her work with Faculty colleagues so the theoretical and explanatory material was made available on a blog cloudnativeish.wordpress.com/

MATHEMATICS

BENJAMIN SEAMONE

EXTERNAL POSITIONS HELD

- Adjunct research faculty, Department of Computer Science & Operations Research, Université de Montréal

FUNDED RESEARCH PROJECTS

FSS and SA pre (SIR) and (SIR) Research Grant, 2020-23

Project: Searching and surveillance in dynamic graphs

College and Association of Nurses of Alberta (CANA). Webinar: Nurses on the planetary frontlines Caring for people and the planet. In collaboration with Maya Reshef and Raluca Radu 31 March 2021!

CONFERENCE PROCEEDINGS

SUSTAINABLE DAWSON

2019/20 - The media featured on Dawson sustainability topics 25 times, including national, regional and local print media and web/tv stations. Topics included climate action, climate March, sustainability, solar powered radio station, coping with stress, Living Campus

JULY 2020

OCanPan Canadian Sustainability Working Group- Chris Adam, Chair

Contributed to a Sustainability Concept Paper to Federal MPs written for the development of 50 College Sustainability Excellence Centers across Canada (\$100M)

Sustainability Protocol Committee- OCan, Chris Adam

Accélérer 2030- Dawson College conference- Living Campus tour

Environnement Jeunesse- OCEP Vert- Excellence Level awarded

AUG

SH Certificate- OCan (Cohort 1)

UN Higher Education Education Initiative Report submitted

Naturehood children's videos- collaboration with Nature Canada (1-2 videos per month)

SEPT

Chris presents to Professors of Peace Topic: Sustainable Happiness

Feb

Sustainable happiness certificate (managers) – Katherine McWhaw

Sustainable Happiness Certificates (Support Staff & professionals) – Jenn de Vera & Azra Khan

Living School MOU with HK high school

Living School MOU with Reparatoria Ties Marias, Mexico

Jenn leads Sustainable Happiness 24hr certificate for Dawson students (weekly for 8 weeks)

Jena YN

PEDAGOGICAL COUNSELORS

AZRAHAN HUMAN RESOURCES

**Combining Embodied, Enactive, Extended, and Embedded Learning in Collaborative Settings
13th International Conference on Computer Supported Collaborative Learning (CSCL) 2019
Volume 1. (pp418-455). Lyon, France: International Society of the Learning Sciences**

REFERRED CONFERENCE PRESENTATIONS – WITHOUT PROCEEDINGS

- **Charles, E, Dugdale, M, Ierton, K, Adams, R, Brouillette, Y, & Lasry, N (2021). Orchestrating Feedback: How peer assessment mediates student engagement. Presented at the Association québécoise de pédagogie collégiale (AQPC), June 9 2021, QC, online**
- **Dugdale, M, Ierton, K, Adams, R, Brouillette, Y, Lasry, N, Jodson, P, Zhang C, & Charles E (2021). Orchestrating Feedback: Presented at Supporting Active Learning and Innovations in Studies of Education (SALISE) Annual conference, June 23 QC, online**
- **Zhang C, Kisanovic, B, Raman, P, Dugdale, M, Wiebe, J, Khan, R, Burton, G, Charles, E, & Slotta, J (2001). Goss cutting Perspectives on Active Learning among Researchers and**

the research team including research assistants attended virtual media training sessions with media educator Ananda Likers, building capacity in media literacy.

MEDIA COVERAGE INCLUDED

Indigenous topten

MICHELLE SMITH

First Peoples Initiative and Green Communications, Dawson College, May 7, 2021.

Neuroscience

SPECIAL INITIATIVES OF THE DAWSON

Sylvia Cox (Psychology) and Hélène Nadeau

...ly meetings. To accommodate every
...mand designed an experiment on
...4pm with whom we worked on
...atform in March 2020 even

Students
Care

The Resist Violence Pedagogical Development Project

This project begins with an understanding that discussions about such issues as race, class and gender can be uncomfortable for many of us, and consequently employs a strategy that recognizes the complexities of our lived experiences, works toward finding shared truths, and inspires through the creative power of artistic activism and storytelling. This pedagogical approach was developed with the support of Dawson's Learning Communities Project and an ECQ Grant (2018-20), and then refined through our teaching experiences, exchanges with colleagues in our W20 Resist Violence Community of Practice, and feedback from conference

Making Art Histories A Living Pedagogy

Research project funded by ECQ 2 year (2021-2023)

Project co leads Emma Dubt and Rhanna Pyne Fairberg

The objective of this project is to produce a peer populated online platform to generate and disseminate post colonial and decolonizing content for CEGP art history professors. We aim to intervene in pervasive trends of Eurocentrism and cultural exclusion that need to be addressed particularly for increasingly multicultural classrooms. Universities and arts institutions are already adopting these critical frameworks and Making Art Histories will provide resources for CEGP professors to better prepare students who are entering these increasingly popular institutional and academic contexts.

Model United Nations Ambassador Project

Work on pedagogical simulation materials continued with a Sharepoint site linked to Dawson College's faculty hub to provide resources to interested faculty. Website will be publicly launched by the end of Winter 2021 semester. Plans are being made to host community building events and conference presentations once such events are possible in person.

CHRISTOPHER BOURNE

CAROLINE CHOUH

JULIE JOHNSON

Adaptive Technology Guide

Red

The... This
9... (section under Psychology)
...ie Wilman are Dawson
... Mary Jorgensen and
... associates involved
... dents are also
... ing college
... ability
... cal
... on
... n
... responsive
... us disabilities students'
... ologies in the academic context, use of

GRANTS

BioÉlert 2020-2021
Student Work Placement Program- Health and Biosciences
(Awarded to C Fichten \$13,11600)

Dawson College 2021-2022
Research Release
(Awarded to Fichten, C - \$39000)

Fonds de recherche du Québec- Société et culture (FRQSC) 2020-2027
Dépayement d'enseignement pour la recherche au collégial:
Centre d'études sur l'apprentissage et la performance (CEAP)
(Awarded to Fichten, C - \$329000)

Fonds de recherche du Québec- Société et culture (FRQSC) 2020-2027
Regroupements stratégiques Centre d'études sur l'apprentissage et
la performance (CEAP) / Centre for the Study of Learning and Performance
(CSLP).
(Awarded to Venkatesh, V, Waddington, D, Gauvin, I, Fichten, C & 30-
other CSIP members- infrastructure: \$1,800,500)

Fonds de recherche du Québec- Société et culture (FRQSC) 2020-2022
Dépayement d'enseignement pour la recherche au collégial
(Awarded to Fichten, C - \$700)

Fonds de recherche du Québec- Société et culture (FRQSC) 2020-2022
Synthèse des connaissances
Enseignement et apprentissage dans l'enseignement supérieur à l'ère du
COVID-19: Un défi global G L ch po

Dawson College **2020/2021**
Academic success projects for students with disabilities and/or
particular needs (S051)

Helpful mobile technologies for students with executive functioning difficulties
(Awarded to Fichten, C & Legault, A - \$12,000)

Social Sciences and Humanities Research Council (SSHRC) **2020/2021**
Engage Grant

practices in higher education- Challenges and new practices for inclusion(pp 21-4).
Palgrave Macmillan <https://doi.org/10.1007/9783080371258>

2020 Profweb Editorial Team & Legault, A (2020 September 27). Video tutorials for teachers for the inclusive use of smartphones Profweb <https://www.profweb.ca/en/publications/articles/video-tutorials-for-teachers-for-the-inclusive-use-of-smartphones>

2020 Wilman, S, & Huel, A (2020 May 28). Adapted “zooming” ahead in research D News <https://www.dawsoncollege.qc.ca/news/dnews/adapted-zooming-ahead-in-research/>

Refereed Conference Presentations

2021 Filden, C, & Jorgensen, M, in collaboration with Matrino, N, & Vo, C (2021, March 6-14). Are AI based apps smart enough for college students [Conference presentation]. 38th Annual CSUN Assistive Technology Conference, Northridge, CA, United States <https://adapted.org/vpcontent/uploads/CSUN2021PresentationFINALFildenJorgensen.pptx>

2021 Legault, A, & Huel, A (2021, March 6-14). The ADHD coach that’s in your smartphone [Conference presentation]. 38th Annual CSUN Assistive Technology Conference, Northridge, CA, United States <https://adapted.org/vpcontent/uploads/CSUN ADHD and Apps.pptx>

TALKS, NEWS, PRESENTATIONS, AND INVITED ADDRESSES:

2021 Filden, Y S A S

2020 Fichten, C, & Legault, A, in collaboration with Jørgensen, M, Havel, A,

CRSPISH

CRSPISH Research Center for the Inclusion of People with Disabilities is a collegial center for applied research and transfer in innovative social practices, born of a partnership between Dawson College and Cégep du Vieux Montréal. Since 2016 CRSPISH has developed its niche of expertise in professional inclusion of First Nations people living in a situation of disability.

Nsibotanca

