



# Annual Research Report

## 2023-2024

**Dawson**  
— C O L L E G E

# Message from the Dean of Academic Development



We are excited to present the accomplishments of Dawson's research community in this Annual Research Report.

Dawson has a long history in research and innovation that allows our research community to develop professionally, contribute to community and society, and allows us to engage in student-training.

In 2023-2024, third-party funded research initiatives continue to grow. These projects address a wide range of research questions in the natural and social sciences, the scholarship of teaching and learning, the field of accessibility studies, in food and social justice, in Sustainability, in AI, and literature and the arts. Our researchers participated in numerous conferences, workshops, and symposia in Canada and around the world, sharing their discoveries and expertise with their peers and the public.

New to this report is the acknowledgement of our active Scholars in Residence (SIR), those retired Dawsonites who continue to actively engage in research.

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

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

Sincerely,

Isabelle Carrier  
Dean of Academic Development

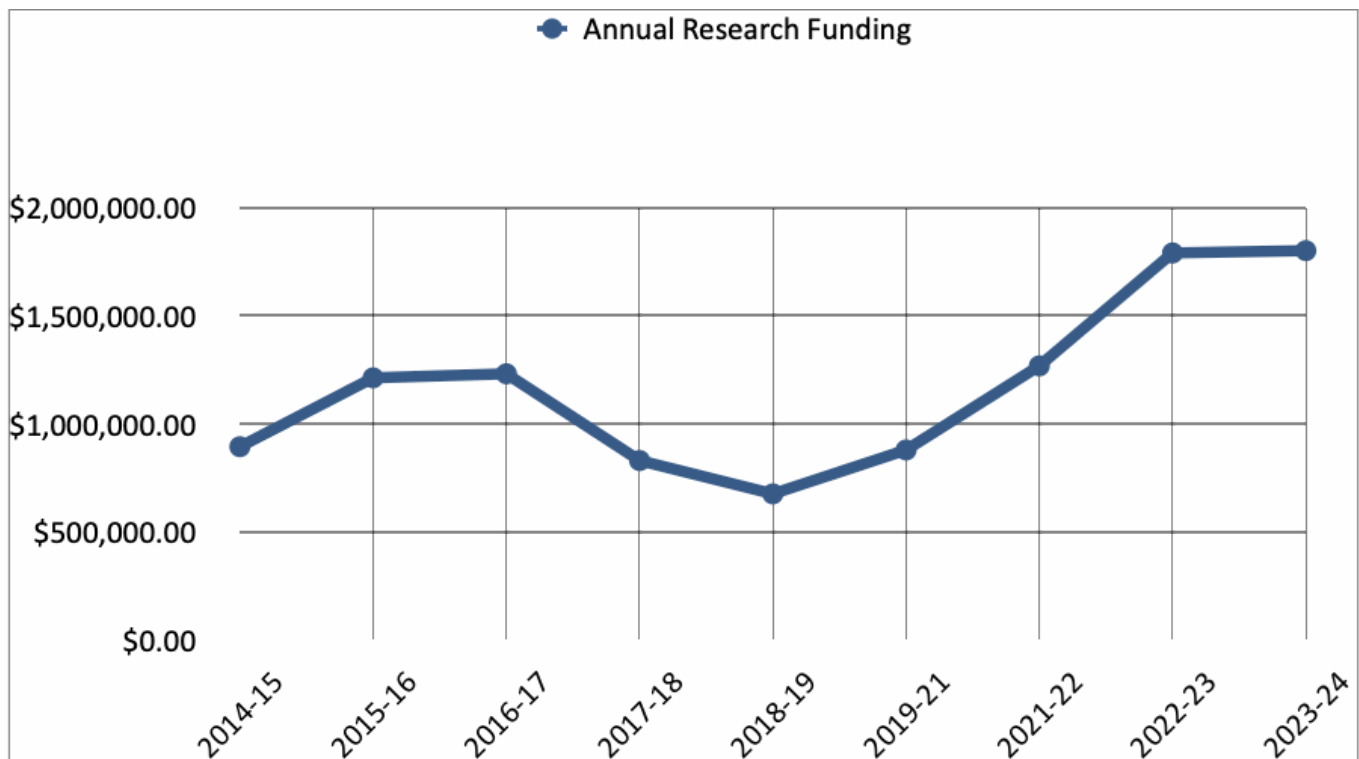


# Research Highlights

- Number of Researchers holding third-party research grants: 15
- Number of Paid Research Assistants who are Students: 34
- Number of Active Partnerships (total): 36
- Number of Active Projects: 18
- Number of Completed Projects: 11

The total funding—including cash and in-kind contributions and release—was approximately \$1,800,800,492, an increase of \$10,721 from the previous year.

Note: Because of conflicting fiscal years, the data reflects the completed Dawson Fiscal year, which is from July 1, 2022-June 30, 2023.





# 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/>.

# Table of Contents



## Social Science and Business Technologies..... 6

Economics .....	6
History .....	6
Humanities .....	7
Psychology .....	8
Sociology .....	11



## Arts, Literature, and Communications..... 12

Cinema-Communications .....	12
English .....	14
Fine Arts .....	17
French .....	17
Photography .....	18
Theatre .....	19



## Science, Medical Studies, and Engineering..... 20

Biology .....	20
Geography .....	23
Mathematics .....	25
Physics.....	28
Physiotherapy Technology .....	29



## Scholars in Residence..... 29



## Staff..... 34



## Pedagogical Research..... 38

ADAPTECH.....	38
CRISPESH.....	43
LA COLECTIVA CREAR PODER POPULA.....	45
RESEARCH IN NEUROSCIENCE GROUP.....	47
SALTISE.....	49
SUSTAINABLE DAWSON.....	51



# Social Science and Business Technologies

## ECONOMICS

### SACHA DES ROSIERS

Conference presentation given at SALTISE on Higher Learning Pedagogy. The presentation was within the Diplôme d'études supérieures spécialisées de 3e cycle en pédagogie de l'enseignement supérieur à l'Université de Sherbrooke.

Des Rosiers, S., & Chichekian, T. (2023, June 12-13). Designing and implementing a case-based instructional approach to a microeconomics course based on the Scholarship of Teaching and Learning framework [Conference session]. SALTISE 12th Annual Conference, Montreal, QC, Canada.

### WORKU ABERRA

Worku has written an article titled "Inflated civilian casualties in the Tigray war and the media's complicity in spreading it" to be published in ***Peace Research: The Canadian Journal of Peace and Conflict Studies***.

## HISTORY

### ELIZABETH KIRKLAND

#### Publications



Anastakis, Dimitry, Elizabeth Kirkland and Don Nerbas, eds. *Montreal's Square Mile: The Making and Transformation of a Colonial Metropole*, Toronto: University of Toronto Press, 2024.

Kirkland, Elizabeth and Mary Anne Poutanen. "Searching for Intimacies Beyond the Notman Photographs: The Case of Amy Redpath Roddick" in *Montreal's Square Mile: The Making and Transformation of a Colonial*

*Metropole*, eds Dimitry Anasatakis, Elizabeth Kirkland and Don Nerbas, Toronto: University of Toronto Press, 2024.

Kirkland, Elizabeth. "Landscape of Tragedy: Young Death, Rumour and Speculation in Early 20th-Century Montreal", *Urban History Review/Revue d'histoire urbaine*, March 2023, vol. 51 no. 1, 44-74.



## Recent Presentations



“Charlotte’s Webs: the public/private life of Charlotte Smithers Learmont, 1845-1934”, Women’s History Association of Ireland, Queen’s University Belfast, April 25-26, 2024.

“Domestic Service: Uncovering the Lives of Women and Girls on the Margins” Guest lecture, McGill University, Quebec Studies, 5 April 2024

with Mary Anne Poutanen, “Between Homes: Navigating the Dangers of Trans-Atlantic Migration and Settlement in Turn-of-the-Century Montreal.”, The Berkshire Conference of Women Historians, Santa Clara University, 28 June - 2 July 2023.

### Conference Sponsorship

Sean Mills, “Jazz, Art, and the Second World War in Montreal”, Dawson College Social Science Week, 15 February 2024.

\*Sponsored by the Montreal History Group

## CASSANDRA MARSILLO

Publication of an oral history cookbook in collaboration with the *Federazione delle associazioni molisane del Quebec* titled, “Dalla valigia alla tavola: A journey through Molisan culinary heritage”.

## HUMANITIES

### CORY LEGASSIC

Cory has just passed his doctoral comprehensive exams, thus becoming a PhD Candidate. In addition, he has:

1. Been co-producing and co-hosting The Action Research Podcast Season 4.
2. Completed his second year of CGS-SSHRC (formerly Bombardier) 105,000\$ scholarship.
3. In the forthcoming 2024 special issue of Journal Learning Landscapes on *Towards new futures of child and youth development: Critical and sustainable approaches to well-being in complex times*, has an article being called “Towards a Theory of Collective Care as Pedagogy in Higher Education”.

Abstract: This piece offers a conceptual framework for collective care as pedagogy in higher education, and a proposition of how to theorize its orientations within anticolonial and feminist work on affect in education. First, I spotlight work that helps to define collective care. Next, I call on the concept of *affective individualism* as a way to describe what is: the taken-for-granted affective governmentality (Zembylas, 2021) that shapes how we often come together in our classrooms. Finally, I ground collective care as pedagogy as the building of *affective solidarity*, an affective conceptual framework for what could be, grounded in the feminist work of Clare Hemmings (2012).



## TIMOTHY SLONOSKY

I published a book, "Civic Reformations and Religious Change in Sixteenth-Century Scottish Towns" with Edinburgh University Press.

## 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.

#### Grant

Fonds de recherche du Québec - Santé (FRQS) 2023-2026

Recherches en milieu collégial – soutien à des projets en équipe

Les parasomnies et autres phénomènes négatifs liés au sommeil chez les étudiants postsecondaires en situation de handicap ou non

(Awarded to Fichten, C.S., Libman, E., Bailes, S., & Creti, L. and collaborators. Asuncion, J., & Havel, A. - \$165,000)

Fonds de recherche du Québec - Santé (FRQS) 2022-2025

Recherches en milieu collégial – soutien à des projets en équipe

La qualité du sommeil et de la santé mentale dans les populations postsecondaires avec ou sans handicap: Mieux comprendre les impacts de la pandémie de Covid-19

(Awarded to Fichten, C. S., Libman, E., Bailes, S., & Creti, L. and collaborators. Asuncion, J., De Saedeleer, S., Havel, A., Paul, L., Rizzo, D., & Wileman, S. - \$165,000)



## Refereed Publications 2023-2024

- 2023 Fichten, C., Costin, G., Jorgensen, M., Havel, A., Wileman, S., Wing, S., Bailes, S., Creti, L., & Libman, E. (2023). *Sleep and well-being during the Covid-19 pandemic: Remote and in-person learning for college students with and without disabilities*. PsyArXiv Preprints. <https://doi.org/10.31234/osf.io/8nvt5>
- 2023 Fichten, C., Wing, S., Costin, G., Jorgensen, M., Havel, A., Wileman, S., Bailes, S., Creti, L., & Libman, E. (2023). Sleep and well-being during Covid-19 remote and in-person periods: Experiences of college faculty and staff with and without disabilities. *Behavioral Sciences*, 13(10), Article 844. <https://doi.org/10.3390/bs13100844>

## Conference Presentations

- 2023 Wing, S., Costin, G., Havel, A., Wileman, S., Jorgensen, M., Harvison, M., Vasseur, A., Ershchenko, D., Boffa, G., Vo, C., Creti, L., Bailes, S., Libman, E., & Fichten, C. (2023, May 8). Comment les expériences récentes d'enseignement et de travail à distance ont-elles affecté le sommeil et le bien-être du personnel du collège [Conference presentation]? 90e Congrès de l'Association francophone pour le savoir (Acfas), Montréal, QC, Canada.
- 2023 Costin, G., Jorgensen, M., Fichten, C., Havel, A., Wing, S., Creti, L., Bailes, S., Libman, E., Boffa, G., Vasseur, A., Ershchenko, D., Vo, C. (2023, May). *Le chronotype et la qualité du sommeil pendant les activités à distance et en présentiel dans un contexte académique* [Conference presentation]. Congrès de l'Association pour la recherche au collégial (ARC) dans le cadre du 90e Congrès de l'Association francophone pour le savoir - ACFAS, Montreal, Québec.

## Talks

- 2023 Libman, E., Fichten, C., Creti, L., & Bailes, S. (2023, September 5). Parasomnias and other negative sleep related phenomena among post-secondary students with and without disabilities [Invited speakers]. Psychosocial Rounds at the Jewish General Hospital, Montreal, QC, Canada.
- 2023 Wing, S., Costin, G., Havel, A., Wileman, S., Jorgensen, M., Harvison, M., Vasseur, A., Ershchenko, D., Boffa, G., Vo, C., Creti, L., Bailes, S., Libman, E., & Fichten, C. (2023, April 19). *Sleep and well-being during the recent online activities and during the return to face-to-face activities: faculty and non-teaching staff* [Invited speaker]. Cognitive Science Research Day, McGill University, Montreal, QC, Canada.
- 2023 Costin, G., Jorgensen, M., Wileman, S., Havel, A., Wing, S., Creti, L., Bailes, S., Libman, E., Vasseur, A., Ershchenko, D., Vo, C., & Fichten, C. (2023, April 13). *Chronotype and sleep quality during remote and in-person activities in an academic context* [Invited speaker]. Psychology Department Research Day, McGill University, Montreal, QC, Canada.



### 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)
- Huanan Liao – undergraduate, McGill University
- Mary Jorgensen – M.A. student, Athabasca University (M.A. received in 2022)
- Yuxuan Qin- undergraduate, McGill University
- Bianca Zlotea – Cegep student- Dawson College
- Abi Vasseur – undergraduate student – McGill University

### Appointments

- Member of editorial boards - Behavioral Sleep Medicine, British Journal of Visual Impairment, and Optometry and Vision Science
- Member of executive board - Centre for the Study of Learning and Performance (CSLP)
- Research Funding Organization Advisory Committee - Social Sciences and Humanities Research Council (SSHRC)
- Member of Research Grant Adjudication Committee - Centre de recherche interdisciplinaire en réadaptation du Montréal métropolitain

### SYLVIA COX

#### Peer-reviewed publications in scientific journals

- Bdair H, Sato Fitoussi M, Planche S, Moquin L, Kang MS, Aliaga A, Nagano-Saito A, Smart K, **Cox SML**, Near J, Aguilar-Valles A, Massarweh G, Rosa-Neto P, Benkelfat C, Soucy JP, Kostivov A, Gratton A, Leyton M. Testing PET-[11C]ABP688 as a tool to quantify glutamate release in vivo. *Imaging Neuroscience* 2024;2:1-18
- Scala SG, Kang MS, **Cox SML**, Rosa-Neto P, Massarweh G, Leyton M. Mesocorticolimbic function in recreational cocaine users: a multimodal study of cue reactivity and cognitive regulation. *Addiction Biology* 2024;29(1):e13358.
- Huc M, Bush K, Atias G, Berrigan L, **Cox S**, Jaworska N. Recognition of masked and unmasked facial expressions in males and females and relations with mental wellness. *Front Psychol.* 2023;14:1217736.
- Cox SML**, McQuaid RJ, Ogunlana A, Jaworska N. Associating Internalizing and Externalizing Symptom Features With the Personality Inventory for DSM-5 Brief Form (PID-5-BF) in a Large Community Sample. *Psychol Rep.* 2023;10:332941231204306.
- Hansen JY, Shafiei G, Voigt K, Liang EX, **Cox SML**, Leyton M, Jamadar SD, Misic B. Integrating multimodal and multiscale connectivity blueprints of the human cerebral cortex in health and disease. *PLoS Biol.* 2023;21(9):e3002314.





# SOCIOLOGY

## ANNA-LIISA AUNIO

### Research Grants Awarded

2023 (August). Food Learning and Growing (FLAGship) Partnership: Seeding Sustainability Transformation, SSHRC Partnership Grant\*. Total: \$2,499,500 (over 7 years). Role: Co-Director.

### Involvement of Students in Research

- 2023 (Winter Semester). Advanced Studies in Sociology (387-401), Food and Environment. Research on issues in food justice—semester-long original research projects. Total: 37 students.
- 2023 (Fall Semester). Community Recreation and Leadership Training (CRLT), Research Methods for Recreation. Research on community-led interventions for target populations in Montreal. Total: 19 students.
- 2024 (Winter Semester). Community Recreation and Leadership Training (CRLT), Student Field Placements. Placements of CRLT students with organizations in Notre-Dame-de-Grâce, Montreal (partner on CCSIF FJS grant). Students worked with organizations in NDG on internship placement projects as well as research training.
- Managed in partnership with CRLT and NDG organizations. Total: 6 students.
- 2023-2024. Rachel Begg, PhD student, Concordia University. Research Assistant on the
- Food Justice and Sustainability Research Hub. Rachel also presented at the 2024 CAFS conference.
- 2023-2024. Penelope Stam, Undergraduate student, Western University. Research Assistant on the Food Justice and Sustainability Research Hub. (Note: Penelope Stam: Dawson alumnus and former volunteer at Dawson for the FJS Hub). Penelope attended the CAFS conference with our research team.
- 2023-2024. Post-Doctoral Students, CIHR:
  - Byomkesh Talukder
  - Ghina El-Haffar

### Conferences Organized

- 2023 (October 27-30). Food Learning and Growing (FLOW) Partnership Mini- partnership Conference. Dawson College, Montreal.
- 2024 (May 14-17). Food Learning and Growing (FLOW) Partnership Research Conference. Dawson College, Montreal.

### Conference Presentations Given

- Aunio, A. (2023, May 30-June 1). *Community Resources and Intervention for Vulnerable Populations: A Neighborhood Analysis*. [Presentation] Canadian Association of Food Studies (CAFS) 2023 Conference, Toronto, ON, Canada.



# Arts, Literature, and Communications

## CINEMA-COMMUNICATIONS

### MAGDALENA OLSZANOWSKI

#### Publications

Olszanowski, M. "Unsorting the Culture of Private Property with 3E" esse arts+opinions 110, Winter 2024

Olszanowski, M. "Antidotes for a Liveable Future" esse 109, Fall 2023

Olszanowski, M. "With a sky full of wildfire smoke, how do I give my children the carefree summer they deserve?" CBC First Person, 4 August 2023

#### Grant

- 2024 Dawson College Professional Development Grant (\$570) for Manuscript Works Book Proposal Accelerator Workshop

#### Workshops, Interactive Media Presentations

- 2023 "Re-orienting gestures, sensing relationally: a workshop to cultivate kinaesthetic empathy" Workshop with Florencia Marchetti, Katja Philip, and Celia Vara. Workshop at Uncommon Senses IV: Sensory Ecologies, Economies, and Aesthetics, 3-6 May 2023. Montreal, Canada.
- "Re-orienting gestures, sensing relationally" Roundtable with Florencia Marchetti, Katja Philip, and Celia Vara. Workshop at Uncommon Senses IV: Sensory Ecologies, Economies, and Aesthetics, 3-6 May 2023. Montreal, Canada.

### REISA LEVINE

#### Facilitator – Professional Development Workshops

- Last fall, I gave 2 workshops for the Quebec Community Groups Network (QCGN) within the CELI Professional Development Workshops 2023-24 Series:
  - 1) Project Management
  - 2) Data + Digital Management
- On March 23, 2024, I participated as a judge in the AI data journalism challenge weekend, (organized by The DawsonAI - AI Launch Lab team)

#### AR Cité Project (AR Cité - <https://arcite.ca/>)

An Augmented Reality mobile app created by and for Dawson College students. Using image recognition and geo-location services, the app brings to life historical depictions, personal stories, critical observations and artistic interpretations from in and around the Dawson community. Vimeo showcase: <https://vimeo.com/showcase/10118938>



We are grateful to have received SAEF funding to support students working on the project for the 23/24 scholastic year.

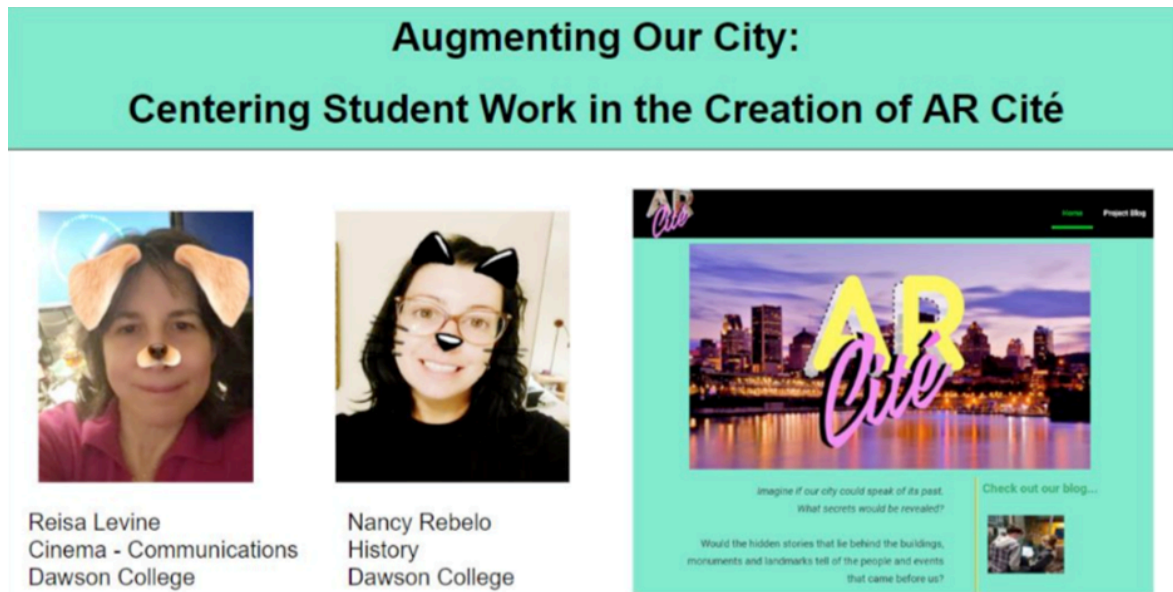


Figure 1 AR Cité - Workshop Title screen, Reisa Levine

- Production work with students continued over the fall and winter semesters with new locations currently in production.
- Faculty and students now using the app for classes and special events – more outreach planned for Fall 2024

### AR Cité Conferences / Workshops

- Concordia University's Milieux Institute and Immersive Storytelling Lab - Workshop title: How do we tell AR stories related to place, space, and embodiment? April 13, 2023.
- Attendance included grad students, artists and researchers working with XR technologies.
- ACQP Conference – Augmenting our city: centering student work in the creation of AR Cité – Presentation with Nancy Rebelo (History) – Rivière du loup June 7, 2023
- Saltise Conference – Augmenting place: Centering student work in the creation of AR Cité, an augmented reality app – Presentation with Nancy Rebelo (History) – Concordia University, June 13, 2023.
- Visible Evidence, the annual international conference on documentary film and media. Workshop title: An Augmented Documentary App Experience. Udine, Italy (Sept 6, 2023)
- Dawson Ped Day Fall 2023 - Augmenting Our City: Place-based learning for deeper engagement. Oct 13, 2023.

### Other PD and Research Activities

- Project Collaboration – Website development First Peoples' Post-Secondary
- Storytelling Exchange (FPPSE). Ongoing website development and support. Project Lead: Michelle Smith, Dawson / McGill
- Serious Play- Judge for the International Serious Play educational gaming competition and conference. Aug, 2023.



## ENGLISH

### CHARLOTTE HUSSEY

Charlotte published a poetry collection, *And If I Go With Child? Reimagining The Mysteries of Tam Lin*, based on the Scottish Border ballad, Tam Lin, through Ritona Press.

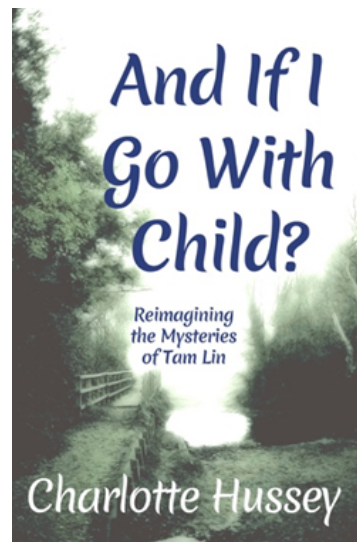


Figure 2 Courtesy of Ritona Press

### DAVID GELINEAU

"Larkin's Encounters with Dionysus: What Goes on in the Shade?"  
University of Toronto Quarterly 93.1 (February 2024): 58-80.

### LUKE REID

This past year I published an article/chapter in a critical collection of essays on Shirley Jackson's short fiction. The collection is titled "Shirley Jackson's Dark Tales: Reconsidering the Short Fiction," edited by Joan Passey and Robert Lloyd, and published in February 2024. My chapter was titled "The Anxious City in Shirley Jackson's 'Pillar of Salt' and 'The Tooth': A Phenomenology of the Uncanny."

### KRISTOPHER WOOFER

#### Publications

As Editor-in-Chief of the peer-reviewed, online journal *Monstrum*, Kristopher oversaw the publication of volume 6, issue 1 (June 2023) and vol. 6, issue 2 (December 2023), a special issue guest-edited by Emily Banks (Franklin College) and Alexis Finc (Virginia Commonwealth University) focused on "Shirley Jackson: Intertexts and Afterlives." *Monstrum* 6.1 included a special dossier on Russian and Sakha horror guest edited by Eva Ivanilova and Denis Saltykov, which included first-time translations of important Russian horror scholarship. *Monstrum* is the primary research outlet for the FRQSC-funded Collective for Research on Epistemologies and Ontologies of Embodied Risk (CORERISC). (<https://www.monstrum-society.ca/journal--revue.html>)

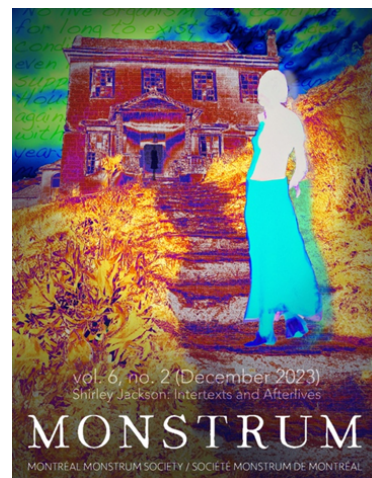


Figure 3 Cover Image for *Monstrum* 6.2, "Shirley Jackson: Intertexts and Afterlives"

Kristopher signed **book contracts** to produce the following publications:

- One Step Beyond (TV Milestones) (Wayne State University Press)
- (co-editor with Emily Banks) the 45-essay collection Oxford Handbook to Shirley Jackson (Oxford University Press)
- (co-editor with Lynn Kozak and Alanna Thain) Undead Sleep: Risk and Rest in 21st-Century Horror Media (Edinburgh University Press)
- Documentary and Mockumentary Horror Cinema: Gothic Realism, Archival Anxiety (Anthem Press)



## Conference And Events Organization

In October 2023, Kristopher presented the third-annual **Dawson Horror Studies Collective** “Deep Cuts” screening and discussion of Natalie Erika James’s feminist Gothic horror film, *Relic*.

Kristopher co-organized (with Alanna Thain and Lynn Kozak) the SSHRC-funded summer **workshop** “I’ll Sleep When I’m Undead: Sleep in Contemporary Horror Media,” held July 2-7, 2023.

## Interviews, Conference Presentations and Lectures

Kristopher was interviewed for the documentary *A Three Dimensional Filmmaker* for the first home video release of Jack Arnold’s final film, *The Swiss Conspiracy* (Film Masters 2024).

Kristopher was interviewed for the documentary *Web of the Weird* for the first home video release of the Italian horror film *Spider Labyrinth* (Severin Films 2023).

Kristopher presented the essay “Mesmeric Revelation: The Troubled Representation of Gender and Desire in the Friday the 13th: The Series Episode “Mesmer’s Bauble” for the panel “Shifting Queer Representations in Genre Television,” and participated in the roundtable “Paranormal Paranoia: Reflections on Paranormal and Pseudoscience TV” at the Southwest Popular Culture / American Culture Association Conference, 21-24 February 2024, Albuquerque, NM.

Kristopher served as respondent for the panel “Intersectional Trauma in Women Directed Folk Horror” at the Society for Cinema and Media Studies conference 14-17 March 2024, Boston, MA.

## Research Grants

As a primary applicant, Kristopher received a Social Sciences and Humanities Research Council (SSHRC) Connection Grant for the summer workshop “Horror Ecologies: Un/human Body Genres, New Materialisms, New Methodologies,” to be held July 8-12, 2024. The workshop will include participation by a second-year Dawson student.

Kristopher is a member of the Collective for Research on Epistemologies and Ontologies of Embodied Risk (COÉRISC), whose project Horror in Media and Performance: *Bodies, Histories and Affects* was awarded a 4-year FRQSC “Support for Research Teams” (Soutien aux équipes de recherche) grant (2020-2024).





## SARAH BURGOYNE



Figure 4 *Mechanophilia* cover image

In 2023 I published a collaborative work of poetry with American poet Vi Khi Nao.

From the website: Using the numerical structure of pi, *Mechanophilia* is a collaborative epic by American poet Vi Khi Nao and Canadian poet Sarah Burgoyne (who have never met) that follows the omniscient conversations and complaints of ad hoc biblical characters as they attempt to make sense of themselves on an ordered, disordered planet. The first of four volumes completed so far, *Mechanophilia* represents the first 3,000 decimal places of pi. Anachronistic in proportion, this work attempts to queer and rewrite myths in precise numerical pi chronology, yet its verses remain free and ludic, time-travelling at will and often looping in present-day concerns and figures (Lady Gaga, Elon Musk, Cai Guo-Qiang, Donald Trump, Phoebe Philo, Ryuichi Sakamoto). *Mechanophilia* presents infinity as something reachable yet unrelated to linear time.

## SARAH GILBERT

*Our Lady of Mile End* is a neighbourhood of stories about gentrification and displacement in a once affordable area that is feeling the squeeze of social and cultural transformation.

The overlapping lives—of girls and women, tenants and landlords, neighbours and strangers, the old generation and the next—chart the tensions and affections among people living in a community that has turned into a destination. Artists clean the homes of more affluent neighbours to make ends meet; a college professor bumps up against trigger warnings, cancel culture and privilege. As children confront the dark corners of the adult world, another generation reckons with their home turf shifting under their feet. This is an era of uncertainty, and sometimes menace, where the lack of privacy evokes village life. Yet when everything seems precarious, a neighbour who's paying attention may make all the difference, reminding us that connection is still possible.

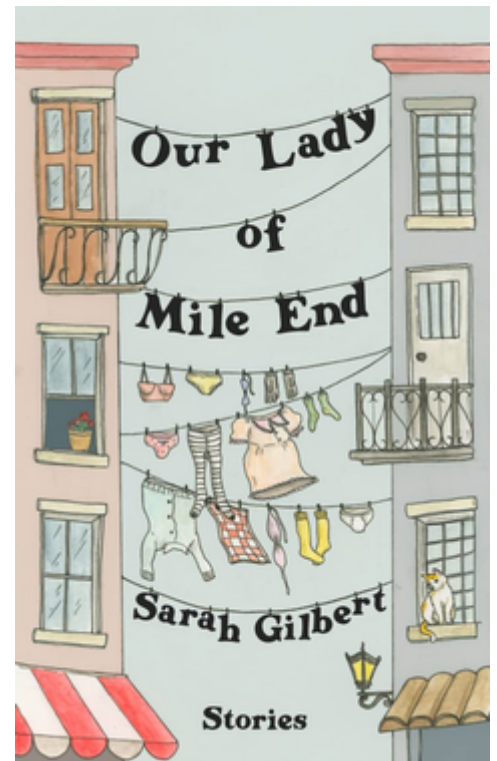


Figure 5 Courtesy of Anvil Press  
Book cover by Arizona O'Neill



## FINE ARTS

### NATALIE OLANICK

Natalie was part of a group show in Fall 2023 in Toronto.



## FRENCH

### ANNE-LAURE TEICHET



Groupe d'intérêt spécialisé en éducation et médiation muséales (GISÉMM)

Special Interest Group on Education and Mediation in Museums (SIGEMM)

Final Program/Programme du symposium  
President & Chair : Marie-France Berard (UBC)

Site de notre rencontre/we meet at :

**Université de Montréal**  
**Pavillon JEAN-BRILLANT (JB)**  
3200, rue Jean-Brillant  
Room/Salle : B-3270

Montréal - Plan Campus - Université de Montréal (umontreal.ca)





JB salle B-3270  
June 14  
3:00pm – 4:30pm  
15h – 16h30  
Français/French with  
English support by  
MF Berard

*Theme: Regards Variés sur l'Expérience en Musée : La Muséothérapie, Faire Sens, l'Imaginaire et les Impacts d'un Projet Musée-École.*

**Colette Dufresne-Tassé (Université de Montréal)**

Revoir l'imagination reproductive telle qu'elle apparaît au cours d'une visite muséale (976)

**Anne-Laure Teichet (Université de Montréal)**

La vocation thérapeutique de la médiation muséale (98010)

**Heidi Weber (Université du Québec à Montréal)**

Le visiteur d'aujourd'hui devant les œuvres d'hier : Comment en fait-il sens? (97660)

**Anik Meunier, Julie Rose, Sarah Turcotte (Université du Québec à Montréal)**

(98063) 'J'aimerais que le musée soit ma maison' : Impacts d'un projet musée-école.



Merci pour votre chaleureuse participation au GISEMM! Thank you for your generous participation in the SIGEMM symposium 2024!

## La vocation thérapeutique de la médiation muséale (98010). Multipaper

**Time** 3:00 PM - 4:15 PM

**Title** La vocation thérapeutique de la médiation muséale

**Abstract** Depuis le début des années 2000, les initiatives se multiplient à travers le monde afin de relier le monde muséal à celui du bien-être et de la santé. En effet, les institutions muséales se préoccupent d'améliorer l'expérience des visiteurs en prenant en compte non seulement leur expérience esthétique, mais aussi leur expérience sensible, affective et sociale afin qu'ils ressentent un bien-être global lors de leur visite. Les activités de bien-être s'adressent à la fois au grand public, par le biais d'activités telles que le yoga, le wutao ou l'hypnose, mais elles peuvent aussi s'orienter vers des publics spécialisés qui souffrent de divers troubles de santé : Alzheimer, autisme, etc. Certains musées ont donc entrepris des programmes qui initient des collaborations entre le musée et l'hôpital. La « muséothérapie » est de fait en train de se développer un peu partout dans le monde. Est-ce à dire que les services éducatifs des musées doivent désormais inscrire le bien-être et la santé dans leurs principales missions ? Comment les services des publics peuvent-ils embrasser cette fonction proprement thérapeutique de la médiation muséale ? Les médiateurs peuvent-ils jouer le rôle de thérapeutes ?

**Authors** Anne-Laure Teichet *Université de Montréal*

## PHOTOGRAPHY

### KATE HUTCHINSON

3 elements of research this year: Maisonneuve Magazine publication, Ciel Variable Magazine publication, invitation to Volume art book fair by VU Photo.





# maisonneuve

A QUARTERLY OF ARTS, OPINION & IDEAS



## The Mother Load

Mom guilt isn't just a feeling; it's an entire industry perfected over centuries.

BY ERIN JAMES-ABRA  
APRIL 19, 2023

It's a February morning, well below freezing, and my son is refusing to put on his snow pants. He

ON TWITTER

Posts from  
@maisonneuemag



## CIEL VARIABLE

ART PHOTO MÉDIAS CULTURE

The magazine aims to identify and examine photographic practices that share the ground with contemporary art processes, new image technologies and matters related to global culture.

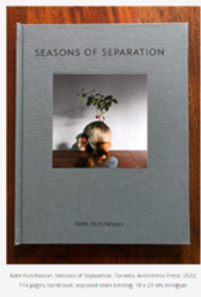
RECENTS ISSUES About / CONTACT BOUTIQUE | WEB-CATALOG ONLINE ISSUES | FRINGES

Seasons of Separation, by Kate Hutchinson - Louis Perreault

Covers: The Photograph / Top: The Photograph / Bottom: Louis Perreault / Artists: Kate Hutchinson  
[November 25, 2022]

By Louis Perreault

Interior, day: an apartment with wide moldings and timeless hardwood floors. On the table in the dining room, diffuse light falls on all sorts of objects. A plant sits beside a child's toy, a large vase filled with water, a bouquet of flowers, and an antique clock. Behind this ephemeral arrangement, an unseen effort takes a wall from white to dark tones, enveloping the scene in serene calm. Kate Hutchinson turned this familiar place into an artist's studio, in which she photographed herself for almost three years alongside her daughter Iva, as she gradually regained her equilibrium after the breakup of her marriage. Her narrative is organized around four allegorical seasons, each one marking steps in a healing process and an ongoing transformation.



First, there was winter, the season during which she and her longtime romantic partner separated. On and around the big table, received several months earlier during a housewarming party, she took her first self-portraits with her husband, who

1. Three of my "Seasons of Separation" images were featured in the Spring 2023 print issue of Maisonneuve Magazine, accompanying the article entitled "The Mother Load" by Erin James-Abra.  
<https://maisonneuve.org/article/2023/04/19/mother-load/>
2. VU Photo (Photo Gallery, Research Space and Artist Run Centre in Quebec City - <https://vuphoto.org/en/>) invited me to be a visiting artist at the Volume Art Book fair (<https://www.volumemtl.art/en/home/>) in October 2023. I spent the afternoon with VU at their book table talking to visitors to the fair about my two books that I was presenting ("The Park" and "Seasons of Separation").
3. Louis Perreault of Ciel Variable did an in-depth book review of my "Seasons of Separation" book.  
<https://cielvariable.ca/en/seasons-of-separation-by-kate-hutchinson-louis-perreault/>

## THEATRE

### BRUCE LAMBIE

#### Research Creation

- Lighting design for The Flick, presented at Centaur Theatre by Persephone Productions, May-June 2023
- Workshopped and directed a new one-act horror-comedy play, Red Paper, by Xander Chung, presented at the St. Ambroise Montreal Fringe Festival, June 2023
- Workshopped and was technical director for a new multilingual (French/Spanish/English) comedy play Providencia, presented at Théâtre Aux Écuries by La Parcera, September 2023
- Technical Director for the musical Spring Awakening, presented at Bishop's University, March 2024
- Technical Director for a new adaptation of Christopher Marlowe's Doctor Faustus, adapted by Rebecca Harries, presented at Bishop's University, March-April 2024



# Science, Medical Studies, and Engineering

## BIOLOGY

ANNIE-HÉLÈNE SAMSON



Figure 6 Louisa Akkouche and Maya Chalouhi presenting their research results at Science Fest

- Participation in an Entente-Canada-Québec : Jeux sérieux en sciences en RV: traduction et amélioration
- Co-Researcher on a PAREA grant, jointly with John Abbott College and Vanier College: Co-conception et collaboration interdisciplinaires : Aider les éducateurs à concrétiser le plein potentiel du nouveau programme de sciences de la nature.
- Co-Researcher on a FRQSC grant : Co-développement et déploiement d'un cycle de visites muséales pour lutter contre l'isolement social des personnes âgées montréalaises.
- Student research : Ève Cornfield.
  - In collaboration with Le laboratoire AGETeQ du Centre de recherche de l'institut universitaire de gériatrie de Montreal (AgeTeQ), Le théâtre du Nouveau Monde (TNM) et les Grands Ballets Canadiens (GBC). Évaluation qualitative et quantitative avec une approche scientifique, des effets et bénéfices potentiels des ateliers d'un programme de danse/théâtre en collaboration avec Autisme sans Limites.
- Supervision of students' researchers in an extra-curricular activity, ArtSci, to study the effect of regular museum visits on stress levels of Science Students.
  - Louisa Akkouche and Maya Chalouhi



## BRIAN MADER

### Conference Presentations

World Congress Conference (CICan)

April 25, 2023

*Nature Immersion on Campus: Introducing the Campus Biodiversity Network // La nature au campus: Présentation du réseau Biodiversité au campus* has been accepted as a live panel session in the Demonstrating Leadership in Sustainability Stream.

McGill Sustainability Research Symposium

February 2, 2024

### *Promoting Biodiversity in Education*

There are massive benefits to biodiversity, both direct and indirect. For our society to value this biodiversity, we need to have individuals experience this biodiversity. This has been one my goals throughout my entire teaching career so far; to get students outside and have them engage with Nature. In this talk I will elaborate on the importance of biodiversity in education and go through some examples of implementation.

### Research Action Project

Campus Biodiversity Network

Goals:

1. Having each of our colleges participate in an intercollegiate bioblitz April 26-29 using iNaturalist (please share as widely as possible with your departments and colleges)
2. Reaching out to a nearby greenspace to have our colleges help enrich a biodiversity profile for this space (including having them participate in the bioblitz as well), and
3. Prepping a biodiversity toolkit with roughly ten pedagogical activities/resource sheets per college.

## JESSICA FORD



I study herpetology, the study of reptiles and amphibians. Right now, I focus on how tadpoles change the aquatic environment around them, and the ecological consequences of their loss.

Figure 7 Jess holding some endangered tadpoles that she raised to boost the local population, they are ready to be released!





*Figure 8 Jess doing outreach on urban wildlife through her initiative STEMM Diversity*



*Figure 9 Jess measuring the water quality in a wetland*

## TONIA DE BELLIS

1) Summer 2023: I participated in the BugNet research project. This project is part of a global research network that aims to assess the impact of invertebrate herbivores and pathogenic fungi on plant communities and ecosystems.

Dawson students have volunteered as summer field assistants in summer 2022 & 2023.

2) I am collaborating with Prof. J-P. Lessard (Concordia) and J-P. Parent (Agriculture and Agri-Food Canada) to develop tools to monitor insect diversity across Quebec from eDNA collected in water of residential pools.

**Background:** Insects are facing a rapid decline in abundance and diversity due to stressors such as land use change, pesticides, climate change and introduced species. This biodiversity crisis has significant implications for both human well-being and ecosystem functioning as insects make up the bulk of known species on Earth and are essential for crop pollination and nutrient cycling. Monitoring global insect population trends is therefore crucial for informing conservation initiatives aimed at mitigating or reversing their decline.

**Objective:** The proposed project aims to test the usefulness of residential pools as large-scale flying insect monitoring traps. An objective is to devise a sampling kit that can be shared, having the potential to generate province-wide occurrence data for insects and engage the public with a message of insect conservation through citizen science.



3) I am collaborating with researcher and adjunct professor G. Lajoie (IRBV, UdeM) examining the mycorrhizal diversity of Milkweed across a latitudinal gradient across Quebec. At the moment we are processing samples that were collected this summer.

4) Summer 2023, 2024: I also participated on a project entitled: Large-scale biodiversity experiment to predict ecosystem resilience in a changing world with researchers from Concordia and University of Michigan.

5) In May 2024 J-P. Lessard (Concordia) & I applied for a Northern Community Partnerships in Research Grants Application to work with the community of Chisasibi on co-developing a project related to the Microbiome of James Bay eelgrass. Our application was accepted, and we got the funding to visit Chisasibi to begin this project.

## GEOGRAPHY

### GIDEON AZUNRE

#### Journal Articles

Azunre, G. A. (2024). An Overlooked Phenomenon? Reflecting on Elite Housing Informality and its Potential Sustainability Implications. *Journal of Planning Literature*, 08854122231225195.

<https://journals.sagepub.com/doi/full/10.1177/08854122231225195>

Azunre, G.A., & Boateng, F. G. (2023). Symbolic legitimization of evictions in post-colonial African cities: A review from Ghana's Old Fadama. *Habitat International*, 135, 102809. <https://doi.org/10.1016/j.habitatint.2023.102809>

#### Oral Communications (Presentations, Talks, Etc.)

Azunre, G.A. (2023). School of Cities Urban Mixed Methods Workshop. University of Toronto, Ontario, Canada. Ph.D. research proposal presentation.

<https://schoolofcities.utoronto.ca/event/2023-summer-workshop-on-urban-mixed-methods-across-the-disciplines/>

Azunre, G.A. (2023). Annual American Association of Geographers (AAG) conference. Toward More Just Geographies. Denver, Colorado, USA.

Azunre, G.A. (2023). Social Justice Center (SJC) Graduate Fellows Lunchtime Seminars. Concordia University, Montreal, Canada. Ph.D. research prospectus presentation.

#### Ambassadorial Activities

- Graduate Student Ambassador, Concordia University: September 2023 – Now
- Ambassador, FRQ's Powering Research Together Campaign: May 2023 – Now



### Scholarships and Grants

- International Growth Center (IGC) Ph.D. Project Small Research Grant: March 2024 – December 2026
- Centre de recherche sur les innovations sociales (CRISES) Axe de recherche Territoires et milieux de vie du CRISES: March 2024
- Academic Project Funding, Graduate Students Association, Concordia University: January 2024
- Quebec Mobility Bursary, Concordia University: November 2023 - Now
- Concordia University Conference and Exposition Award: March 2023
- Concordia University Stand-Out Graduate Award: February 2023
- Social Justice Centre Fellowship Award, Concordia University: November 2022 – August 2023

### GISELA FRIAS





For the past year, I have been actively involved with La Colectiva Crear Poder Popular, a feminist art collective. Our current project, the Forget Me Not Arpillera, is an intergenerational and collaborative art initiative that honors memory, provides a space for healing, and calls for social justice. Inspired by the Chilean tradition of arpillera-making (textile burlap), we invite people to remember and represent through textile the more than 3,400 men, women, and children who were victims of the Chilean dictatorship.

During the 2023-2024 academic year, the following exhibitions took place:

- Ecomusée du Fier Monde (September 2023): This exhibition marked a significant milestone for the museum, drawing a large number of visitors.
- Musée POP, Trois-Rivières (April 2024): The exhibition continued to attract diverse audiences and received critical acclaim.

## MATHEMATICS

### BENJAMIN SEAMONE

- NSERC Discovery Grant (2017-24), “How do forbidden induced subgraphs impact global phenomena in graphs?”
- Graph Searching in Atlantic Canada (2021-present), Atlantic Association for Research in the Mathematical Sciences collaborative research group

#### Grants awarded

- NSERC Discovery Grant (2025-30), “Global graph structure via local neighbourhood condition”, \$105,000

#### Publications Submitted/Accepted

Beaton, S. Finbow, B. Seamone, and S. Fitzpatrick. On the eviction model of eternal domination, submitted.

J. Jooker, B. Seamone, and C. Zamfirescu. Counting small cycle double covers, submitted.

O. S. Lo, B. Seamone, and X. Zhu. Defective acyclic colorings of planar graphs, accepted with minor revisions.

J. Goedgebeur, J. Jooker, O. S. Lo, B. Seamone, and C. Zamfirescu. Few Hamiltonian cycles in graphs with one or two vertex degrees. *Mathematics of Computation*, 2024.

D. Khatri, A. Krim-Yee, N. Kumar, G. MacGillivray, B. Seamone, V. Virgile, and A. Xu. Fractional eternal domination: securely distributing resources across a network. *Discussiones Mathematicae Graph Theory*, 2023.

#### Conference Organization

- Montreal Graph Theory Workshop



**Invited Research Lectures**

- Defective acyclic colourings of planar graphs, Belgian Graph Theory Conference, Ghent University, November 2023
- Defective acyclic colourings of planar graphs, Canadian Mathematical Society Winter Meetings, Montreal, December 2023

**Contributed Research Lectures**

- On the eviction model of eternal domination, 55th Southeastern International Conference on Combinatorics, Graph Theory, and Computing, Florida Atlantic University, March 2024.

**Supervision**

- Victor Paardekooper, PhD, Université de Montréal
- Francis Clavette, MSc, Université de Montréal
- Margaux Marseloo, MSc, Université Paris-Saclay
- Nathan Acheampong, BSc, Université de Montréal

**Service**

- Reviewer for European Journal of Pure and Applied Mathematics, Discrete Applied Mathematics, and Involve, a Journal of Mathematics.
- Thesis committee (external reviewer), Caleb Jones, MSc, Memorial University of Newfoundland.

**MATHILDE HITIER**



*Figure 10 CERME13-TWG14-co-leaders.jpg*  
The leaders and their team of co-leaders for the TWG14 for the CERME13 congress in Budapest





### Conference Proceeding

- Biza, I., Viirman, O., Bašić, M., Florensa, I., Gueudet, G., Hitier, M., Kontorovich, I., Thoma, A., & Wawro, M. (2023). An introduction to TWG14: University mathematics education. In P. Drijvers, C. Csapodi, H. Palmér, K. Gosztonyi, & E. Kónya (Eds.), *Proceedings of the Thirteenth Congress of European Research Society in Mathematics Education (CERME13)* (pp. 2243–2250). Alfréd Rényi Institute of Mathematics and ERME.
- Hitier, M., & González-Martín, A. S. (2023). “Like finding the acceleration”: A praxeological analysis of a calculus/mechanics task with and without its physics context. In P. Drijvers, C. Csapodi, H. Palmér, K. Gosztonyi, & E. Kónya (Eds.), *Proceedings of the Thirteenth Congress of European Research Society in Mathematics Education (CERME13)* (pp. 2379–2390). Alfréd Rényi Institute of Mathematics and ERME.
- Hitier, M., & González-Martín, A. S. (2023). Investigating practices related to the derivative in kinematics contexts in calculus and mechanics courses. In T. Dreyfus, A. González-Martín, J. Monaghan, E. Nardi, & P. W. Thompson (Eds.), *The Learning and Teaching of Calculus Across Disciplines – Proceedings of the Second Calculus Conference* (pp. 113–116). MatRIC.  
<https://matriccalconf2.sciencesconf.org/>

### Conference TWG Co-Leader

- Co-leader in the Thematic Working Group (TWG) 14—University Mathematics—for the 13th Conference of the European society for Research in Mathematics Education (CERME13), Budapest in July 2023.

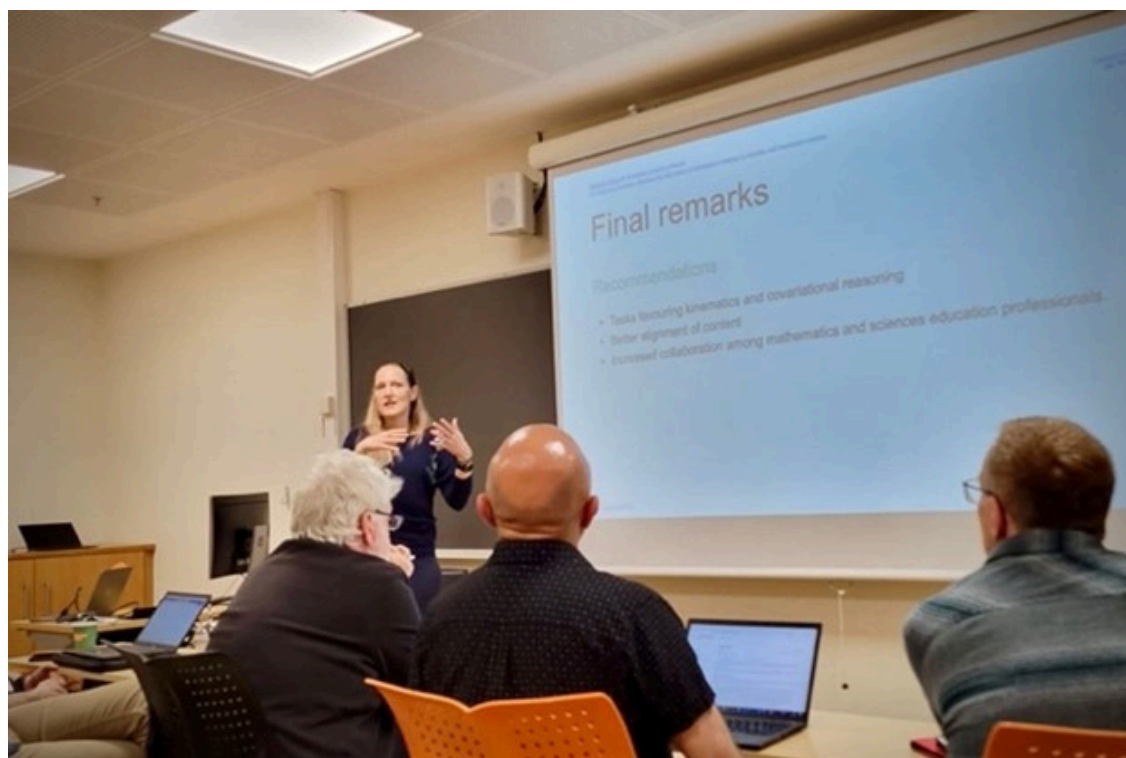


Figure 11 Presentation during the 2nd calculus conference in Bergen



## Presentations

- Charles, L., Aunio, A.-L., Fichten, C., Lenton, K., & Hitier, M. (2023, October). Can engaging in funded research be a form of professional development? [Presentation]. Dawson College, Montréal, Canada.
- Hitier, M., & González-Martín, A. S. (2023, July). "Like finding the acceleration": A praxeological analysis of a calculus/mechanics task with and without its physics context [Presentation]. Congress of European Research Society in Mathematics Education (CERME13), Budapest, Hungary.
- Hitier, M., & González-Martín, A. S. (2023, June). Investigating practices related to the derivative in kinematics contexts in calculus and mechanics courses. [Presentation]. Second Calculus Conference: The learning and teaching of calculus across disciplines, Bergen, Norway.

## Research Projects

- **Doctoral thesis:** *Apprentissage de la dérivée au postsecondaire : analyse des pratiques entre les cours de mathématique et de physique, et identification de ruptures et de continuités.*
- **Co-researcher in a 3-year research (2023–2026) founded by PAREA (PA12711), involving researchers from Vanier and John Abbott and Dawson:** *Co-conception et collaboration interdisciplinaires : Aider les éducateurs à concrétiser le plein potentiel du nouveau programme de sciences de la nature.*
- **Research assistant in a research project founded by Pôle Interorde de Montréal:** *Conception d'un système personnalisé de tutorat pour les cours de calcul au cégep basé sur l'Intelligence artificielle.*

## PHYSICS

### HÉLÈNE NADEAU

#### Committee Memberships

*Current member of the Dawson Research Ethics Committee. cal education*



## PHYSIOTHERAPY TECHNOLOGY

### CATHY ROY

#### SALTISE Affiliated Activities

- Related to CourseFlow:
  - “Help me help you” Presentation at IPD
  - “Program Development and Management: Using Courseflow as a communication and collaboration tool” AQPC
  - Created a series of onboarding videos and contributed to tool development through ongoing use and feedback

#### Fellowship and associated tasks

- UDL Related Activities
  - Dawson Community of Practice: Planned and implemented an “Inclusion and wellness” retreat/conference on Universal Design for Learning on June 12 & 13 with 28 participants, along with UDL CoP co-facilitator Caroline Haddad
  - Adaptech affiliation: created an addition/component of toolkit for internships (article on Adaptech website and “UDL tips for the toolkit” resource)
  - Presented at Canadian Association of Allied Health Programs conference Ottawa 2024: “Bridging two worlds: inclusive design in clinical education

### MARK MATTEI

*Transforming a MOOC on Online Courses to a Blended Course on Blended Learning for CEGEP Teachers: A Collaborative Process between Université de Montréal and Dawson College*

In collaboration with Bruno Poellhuber and professionals at the Centre de pédagogie universitaire (Université de Montréal), Chantale Giguère (French Department) and Mark Mattei (Physiotherapy Technology Department) adapted a MOOC on distance learning to a blended course on teaching and learning using a hybrid approach. This professional development course, based on current research findings, will be implemented at Dawson College in fall 2024 and made available for use to other colleges in 2025. The project (funded by ECQ), the developmental process, and the course content were presented at SALTISE and AQPC (Association québécoise de pédagogie collégiale) conferences.



# Scholars in Residence

## JANICE HARVEY

### Funding

Soutien aux équipes de recherche, – FQRSC Soutien aux équipes de recherche, - Régulation, Redistribution, Reconnaissance: les injustices économiques et culturelles en histoire du Québec, Collaboratrice.



### Publications

Janice Harvey, *Their Benevolent Design. Conservative Women and Protestant Child Charities in Montreal*. McGill-Queens' University Press, 2024. Book published by McGill-Queens based on the research I have been pursuing for many years on Montreal child charities.

Janice Harvey, Interview for the Centre d'histoire des régulations sociales, Blog. Interview done by Camille Champagne-Tremblay, posted 16 May, 2024. <https://chrs.uqam.ca/index.php/2024/05/16/entretien-avec-janice-harvey/>

Janice Harvey, Developing and finalizing the content for the English version of an interactive web page that looks at the institutional response to poverty and social problems in nineteenth and early

twentieth century Québec. Déjouer la fatalité. Pauvreté, familles, institutions – Pushing Back at Fate. Poverty, Families, and Institutions. This was originally designed as an exhibit at the Ecomusée in Montreal and other regional museums, then adapted and enlarged as an interactive web experience.

<https://dejouerfatalite.uqam.ca/en/>

### Presentations

Janice Harvey, "Their Benevolent Design. Conservative Women and Protestant Child Charities in Montreal," Illustrated Presentation in the Atwater Library Lunchtime Speakers' Series, May 9, 2024. This was a 40-minute presentation on the major aspects of the book. Approximately 70 people attended either on site in the Adair Auditorium or via Zoom.



## KENNETH FOGEL

Organizer of the annual Java Champions online conference that runs for 4 days each January. This conference presents sessions on Java software development given by developers who have been honoured with the title Java Champions. It is open to everyone and all sessions stream on YouTube and are available to watch at any time for free. The 2025 conference will be the fifth since 2021 and there have been 150,000 views of sessions.

<https://jchampionsconf.com/>

<https://www.youtube.com/@JChampionsConf>

Committee member of the Java Community Process Executive. This committee, of which I have been an elected member for the past 5 years, is the final authority on the Java software development language. The committee consists of:

- Alibaba
- Amazon.com Services, Inc
- Arm Ltd
- Azul Systems
- BellSoft
- BNY Mellon
- Eclipse Foundation
- Ken Fogel
- Fujitsu Limited
- IBM
- Intel
- Japan Java User Group
- JetBrains
- MicroDoc
- Microsoft
- Oracle
- SAP SE
- SouJava

As a member of this committee, I have been fortunate to travel to face-to-face meetings. In April 2023 I was in Singapore, October 2023 I was in New York City, and in April 2024 I was in Munich. One of my responsibilities is the sub committee on Java in Education.

<https://github.com/jcp-org/Java-in-Education/wiki/Java-in-Education---Wiki-Page>

## MAIMIRE MENNASEMAY

Maimire Mennasemay, *Qiné Hermeneutics and Ethiopian Critical Theory*, (Los Angeles, Marymount University: Tsehai Publishers, 2021), 494 pages.

Maimire Mennasemay, "Epistemic Autonomy, Gibbonism, and Ethiopian Studies," *International Journal of Ethiopian Studies*, Vol. 15, No. 1 & 2, (2021), pp. 1-50.

Maimire Mennasemay, *Surplus History and Emancipation* (Los Angeles, Marymount University: Tsehai Publishers), scheduled to be in print in 2024.

Maimire Mennasemay, current research is on "epistemic autonomy and Gibbonism."



## NADIA KHOURY

- Regular participant in the Annual Conference on Humanities and Public Life since its inception.
- Regular Newsletter to the Humanities Department on Academic Research for Knowledge, World Views, and Ethics.
- Ongoing Research on The Philosophy of Happiness from Plato to the United Nations World Happiness Report. “The approach by philosophy to the question of happiness is different from the psychological treatment of the same subject. The area of psychology known as **positive psychology** originated with Abraham Maslow who coined the term in 1954 in his book *Motivation and Personality*. It is promoted by University of Pennsylvania’s clinical psychologist Martin Seligman to focus on positive emotions, “signature strengths” and learned optimism rather than on dysfunction and disorders. In his best seller *Authentic Happiness*, Seligman speaks of a “science of happiness” to distinguish it from the recipes offered by self-appointed gurus selling happiness. The mission of the Positive Psychology Center which he directs operates on three pillars: positive experiences, positive individual traits, and positive institutions. It has had great success among cognitive behavioural therapists. Comparatively, the **philosophy of happiness** offers no “science” towards happiness, no systematized body of knowledge applicable as a general law to individuals in search of solutions to their personal problems. The philosophy of happiness draws on the rich tradition of 2500 years of philosophical wisdom (*sophia*) at both the subjective level of well-being, and the social level of the common good. It is largely based on moral and political philosophy where personal interests and political wisdom are closely intertwined in the pursuit of well-being and flourishing for all. This project examines the ideas, principles, concepts, arguments and keywords we have inherited from such a tradition. From Plato to the UN World Happiness Report, questions of basic goods, values, the golden rule, virtue ethics, pleasure, mutual responsibilities, the utilitarian reduction of harms, moral sentiments, responses to life’s difficulties, and the balance between rights and freedoms have been at the core of this tradition. They are our toolkit towards clarifying thoughts on the meaning of “living the good together” as Socrates taught, and “doing well and living well” as Aristotle wrote in the *Eudemian Ethics*.
- Delivered a lecture to Senior College University of Toronto. Topic: Is Multicultural Diversity a Good Argument for Human Rights? The Necessity to Focus on Section 28 of the Charter

## SAM PARKOVNICK

Parkovnick, S. (2023). William McDougall's *The group mind*: The untold story. 55th Annual Meeting of Cheiron, Fordham University, New York City, June 15-18, 2023.





## VICTOR YELVERTON HAINES II

- Paleolithic Discovery of Mimesis, Invention of a Distal Word, and the Development of Language
- Canadian Society for Aesthetics/ Société canadienne d'esthétique 27-28 May 2023 CFHSS Congress, York University.
- Victor Yelverton Haines, I. I. (2023). World-Based Make-Believe. *Philosophy and Literature* 46 (2):339-356.
- Presented at Canadian Society for Aesthetics
- Published Moon Doodles. Excerpt from the Preface:

*"This book is the wild surmise of how language developed after invention of the word in Paleolithic communications media some forty-one thousand years ago. As the product of evolution, the innate Logos of our semantic genome might be expected continually to evolve under the on-going pressure of sexual, aesthetic, and cultural selection in addition to the results of natural selection. Why should we care? Theories abound on the origins of language, so many at one point in the nineteenth century the Académie Française declared all topics were welcome for consideration except this one they didn't want to hear any more about. Another theory on the topic would be simply flogging the dead metaphor of evolutionary progress—even though at the time except for the possibility of Frankenstein and some other literal-minded idolaters of the verbal icon, the undead were barely alive."*



# Staff

## ALLISON KURZ, OAD

### Seminar Constructive Feedback in the Clinical Setting

The research on constructive feedback, which I embarked upon in response to a request for training material for clinical instructors, aimed to enhance the quality of feedback in the clinical setting. This request was initially made via the Faculty Hub in 2022 and my research through 2023.

Julia Lijeron, Einat Eidan, and I worked together to produce a fact sheet for Radiation Oncology Technology and Diagnostic Imaging Technology coordinators in record time. The research for the fact sheet laid the foundation for the rest of my research. Given that both programs are accredited and thus must demonstrate concrete examples of improvement and innovation, I leveraged the research we carried out for the initial fact sheet and continued to do more for the design and implementation of a 2-part workshop with students and clinical instructors. I gathered perspectives about feedback from clinical instructors and also used existing data from course surveys. This information shaped my research - I wanted to build something that was connected to reality in the clinic. My colleagues in OAD, Monica Lopez, Einat Eidan, Madeleine Bazherghi, Ricardo Rotta, Julia Lijeron, Tannia Ditchburn and the program coordinators I work closely with, Vittoria Fusco, Heidi Gumbley, Giovanna Miceli, and Elias Katsaros, all gave me constructive feedback on my work.

I conducted the workshops for clinical instructors in both the RO and DI programs in February 2023 and for students in August 2023. After the Radiation Oncology Technology clinical instructors participated in my workshop here at the college, they asked me to present it to their colleagues on-site at the Jewish General Hospital and the MUHC—Glen Site in October 2023.

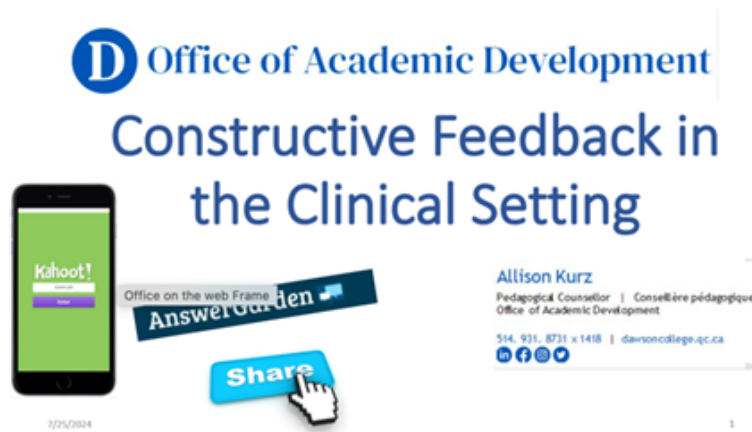






There were over ten participants in each session. The workshops were well received.

The plan is for the program coordinators or faculty to integrate the workshops into the preceptor and clinical instructor training processes and the student orientation session in August before the third-year students embark on their clinical training.



The aim is for educators and students to understand feedback as a two-way conversation based on evaluation criteria and to adopt the mindset and behaviours in feedback conversations for better learning and performance outcomes. We will track any changes in course evaluation data, which is also collected for accreditation, to see if this intervention is effective in improving the students' experience of feedback in the clinical setting. I adapted clinical instructor portion for faculty of any program, not only those who teach in the hospital. And I ran it once with faculty who signed up for it through our Faculty Hub PD initiative.

### **Dawson College Accreditation Self-Assessment Database and Reporting Tool (SharePoint & Power BI)**

#### **1) Index portion**

Accredited programs must self-evaluate compliance with over 30 criteria published in the EQal Canada Program Manual. To demonstrate compliance, documents of evidence or data must be submitted. In addition, a narrative outlining how the documents of evidence enable the program to demonstrate compliance with each criterion must be submitted.

#### **2) Database, reporting, and rubric creator portion**

As the pedagogical counsellor and lead writer for the self-assessment reports, I needed to know if all national competencies were addressed in the didactic portion of the program and attained in the clinical portion. Depending on the program, course outlines, and evaluation tools may or may not include an alignment table illustrating the connections between course objectives and national competencies. Should they include an alignment table, they need continual checking and updating by a disciplinary expert with time and an established process to do this audit, usually using hundreds of pages of paper documents, to ensure the reliability and validity of the data presented in the alignment table. I needed a different way to ensure compliance and that the connections, if any, between data sets are reliable and valid. Anne Piggott in OAD recommended I connect with Anna Likht in IST to leverage SharePoint to compare lists – Excel wasn't doing the trick. I wanted something that could be automated for audits and updates. Anna and I developed the Dawson College Accreditation Self-Assessment SharePoint Site database and reporting portion.



## AZRA KHAN, OAD

Animation of professional co-development groups for pedagogical counsellors in the Cégep network through Performa (<https://www.usherbrooke.ca/performa/en/non-credit-training/communities/professional-co-development-groups-for-pedagogical-counsellors-in-the-college-network>) 2023-2024 academic year.

Co-Chair and providing recommendations from the Diversity Equity Inclusion and Accessibility Working-Group to the Dawson College Strategic Plan 2024-2029, with Diana Rice Co-chair.

Colleges and Institutes Canada pre-conference forum presentation, entitled “Rhizomes of Collaboration” with Chris Adam, and Jennifer de Vera. April 2024

Sustainable Happiness Staff training groups facilitator with Jennifer de Vera, 2023-24

Intercollegiate Ped Days planning committee member 2020-present.

SALTISE annual conference planning committee member

Teaching Anti-racism resources page curation on the Faculty Hub, with Diana Rice, Einat Idan and Julia Lijeron [Teaching Anti-Racism – Faculty Hub \(dawsoncollege.qc.ca\)](https://dawsoncollege.qc.ca/faculty-hub/teaching-anti-racism)

## CHRIS BOYNE, PHOTOGRAPHY

6/1/24, 1:41 PM

squarebody resolute - Don Snyder

# Don Snyder

[Home](#) [Reviews](#) [Essays](#) [Interviews](#) [Teaching](#) ▾

## Interviews



### **Squarebody Resolute: A Conversation with Chris Boyne**

On his website, Chris Boyne describes his artistic practice this way:



*I use task-based approaches to explore ideas and generate content. These tasks are defined and then carefully worked through.... The work is open ended, and room is left for alternative narratives and outcomes.... I am interested in generative approaches and*

<https://donsnyder.ca/squarebody-resolute/>

1/8



2023 Pingyao International Photography Festival, September 19 - 26, 2023, Shanxi province, China.

The six-day festival attracted work from 2,000 photographers from 28 countries. I showed a selection of images as part of the exhibition 'Image, Document, Memory: Photographs from Canada' curated by Don Snyder. The work was made during two trips on cargo ships. The first was across the Pacific Ocean from Vancouver to Shanghai on the container ship Hanjin Geneva. The trip was part of 'Twenty-Three Days at Sea: A Traveling Artists Residency' through Access Gallery, Vancouver. The second was across the Atlantic Ocean from Antwerp to Halifax on the Ship Atlantic Sky. This was a research trip ahead of the project 'A. Conveyor'. The images were made at sea and in the ports of Tokyo, Busan, Gwangyang, Ningbo, Shanghai, Antwerp, Liverpool and Halifax.

Squarebody Resolute: A Conversation with Chris Boyne (<https://donsnyder.ca/squarebody-resolute/>)

Interview with Photography and Media writer Don Snyder around the upcoming project 'Squarebody Resolute'. The project will see me source a former Government of Canada 'squarebody' truck from Resolute, Nunavut. The truck will be transported to Montréal by Arctic sealift ship where it will be exhibited as an intact large-scale sculptural object.

### **ILDIKÓ GLASER-HILLE, OAD**

Ildikó presented a paper, "Was It Really No Girls Allowed?: A Different Approach to the Premodern Demonic Ritual Magical Expert", at the 9th Biennial Conference of the European Society for the Study of Western Esotericism (ESSWE) Western Esotericism and Practice, held at Malmö University (Malmö, Sweden).



# Pedagogical Research



## ADAPTECH

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 and Susie Wileman (Dawson Scholar in Residence) 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 include: 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, use of artificial intelligence in post-secondary education, 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

#### **Social Sciences and Humanities Research Council (SSHRC)**

2024-2029

Partnership Grants – Stage Two

*LAVIA*: Laboratoire vivant sur l'innovation et l'apprentissage en enseignement supérieur / Living laboratory on innovative learning technologies in higher education

(\$ 2,499,181 awarded to Poellhuber, B., 12 co-directors and 40 co-applicants, including Fichten, C.)

#### **Dawson College**

2024-2025

Teaching Release

(Awarded to Catherine Fichten - \$40,000)

#### **Entente Canada-Québec (ECQ)**

2023-2024

Relever les défis liés à l'utilisation de l'IA et des nouvelles technologies parmi les étudiants en situation de handicap.

(Awarded to Fichten, C. - \$73,750)



<b>Fonds de recherche du Québec - Santé (FRQS)</b> Recherches en milieu collégial – soutien à des projets en équipe Les parasomnies et autres phénomènes négatifs liés au sommeil chez les étudiants postsecondaires en situation de handicap ou non (Awarded to Fichten, C. S., Libman, E., Bailes, S., & Creti, L. and collaborators. Asuncion, J., & Havel, A. - \$165,000)	2023-2026
<b>Social Sciences and Humanities Research Council (SSHRC)</b> Knowledge Synthesis Grants Marginalization, Privilege, and Intersectionality in Post-Secondary Students with Disabilities: AI-Based Assistive Technology (Awarded to Fichten, C., Schmid, R., Libman, E., & Bailes, S. and Collaborators Asuncion, J., & Wileman, S. - \$30,000)	2023-2024
<b>Dawson College</b> Teaching Release (Awarded to Fichten, C. \$24,500)	2023-2024
<b>ECQ E-Access Concordia</b> Improving digital tools for students with disabilities (Awarded to Fichten, C. - \$30,900)	2023-2024
<b>Social Sciences and Humanities Research Council (SSHRC)</b> Special Initiatives Fund for Research Support and Collaboration (Awarded to Fichten, C. - \$7000) #421-2022-0018	2023-2024
<b>Social Sciences and Humanities Research Council (SSHRC)</b> Engage Grant Work-integrated learning in higher education, technology, students with disabilities (Awarded to Havel, A., & Fichten, C.S and collaborator Wileman, S. - \$25,000)	2022-2023
<b>Entente Canada-Québec (ECQ)</b> Trousse de stage pour les étudiants en situation de handicap dans les programmes techniques (Awarded to Fichten, C. S. - \$65,389.00)	2022-2023
<b>Fonds de recherche du Québec - Santé (FRQS)</b> Recherches en milieu collégial – soutien à des projets en équipe La qualité du sommeil et de la santé mentale dans les populations postsecondaires avec ou sans handicap: Mieux comprendre les impacts de la pandémie de Covid-19 (Awarded to Fichten, C. S., Libman, E., Bailes, S., & Creti, L. and collaborators. Asuncion, J., De Saedeleer, S., Havel, A., Paul, L., Rizzo, D., & Wileman, S. - \$165,000)	2022-2025





**Fonds de recherche du Québec - Société et culture (FRQSC)** 2020-2027  
Dégagement d'enseignement pour la recherche au collégial : Centre d'études sur l'apprentissage et la performance (CEAP)  
(Awarded to Fichten, C. - \$329,000)

**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 CSLP members – infrastructure - \$1,800,500)

**Concordia University, Office of the Vice-President, Research & Graduate Studies** 2018-2024  
CSLP Research Unit Recognition  
Venkatesh, V., Abrami, P. C., Bernard, R. M., Brodeur, M., Bures, E., Canuel, M., Cardoso, W., Castro, J. C., Chapleau, N., Collins, L., Dedic, H., Fichten, C., Furfaro, S., Gauvin, I., Kennedy, S., King, L., Laplante, L., McDonough, K., Pariser, D., Poissant, H., Potvin, P., Riopel, M., Rosenfield, S., Savard, A., Schmid, R.F., Trofimovich, P., & Waddington, D.  
(Infrastructure - \$510,000)

### Recognitions

- 2024 Asuncion, J. (2024). Jennison Asuncion recipient of the Jim Thatcher Lifetime Achievement Award at the Deque Systems Axe-con Conference.  
<https://www.deque.com/blog/axe-awards-at-axe-con-2024/>
- 2023 Asuncion, J. (2023). Jennison Asuncion elected Board Chair of Blind and Visually Impaired San Francisco
- 2023 Zlotea, B. (2023). Récipient of the Bourse pour stage d'initiation à la recherche pour la relève au collégial. Fonds de recherche du Québec – Société et culture (FRQSC), Montréal, QC, Canada. <https://www.dawsoncollege.qc.ca/news/dnews/environmental-science-student-receives-bursary-in-recognition-of-research-work/?ref=dnews&issue=2024-04-11>

### Refereed Publications 2023-2024

- 2023 Fichten, C., Arcuri, R., Vo, C., Vasseur, A., & Jorgensen, M. (2023). Browser extensions for post-secondary students with disabilities. Journal of Education and Training Studies. Advance online publication. <https://doi.org/10.11114/jets.v11i2.5867>
- 2023 Fichten, C., Costin, G., Jorgensen, M., Havel, A., Wileman, S., Wing, S., Bailes, S., Creti, L., & Libman, E. (2023). Sleep and well-being during the Covid-19 pandemic: Remote and in-person learning for college students with and without disabilities. PsyArXiv Preprints. <https://doi.org/10.31234/osf.io/8nvts>



- 2023 Fichten, C., Wing, S., Costin, G., Jorgensen, M., Havel, A., Wileman, S., Bailes, S., Creti, L., & Libman, E. (2023). Sleep and well-being during Covid-19 remote and in-person periods: Experiences of college faculty and staff with and without disabilities. *Behavioral Sciences*, 13(10), Article 844. <https://doi.org/10.3390/bs13100844>

#### **Popular Press Articles: Magazines, Newsletters, Web Sites, Webinars, Social Media**

- 2024 Havel, A., Wileman, S., & Roy, C. (2024, January 17). Key steps to inclusion in clinical internship settings. Adaptech Research Network. [https://adaptech.org/?post\\_type=publications&p=34120&preview=true](https://adaptech.org/?post_type=publications&p=34120&preview=true)
- 2024 Pickup, D. I., Borokhovski, E. F., Vo, C., Schmid, R. F., & Fichten, C. S. (2024, December). SSHRC knowledge synthesis grant: Marginalization, privilege, and intersectionality in post-secondary students with disabilities: AI-based assistive technology. Unpublished manuscript.
- 2024 Peters, A., Honisch, S. S., Arentsen, M., Bruce, C., Catala, A., Fichten, C., Lindsay, S., Lord, P., Martino, A. S., McGuire-Adams, T., Mendez de la Brena, D., Nolan J., & Peers, D. (2024). Analysis of barriers and recommendations developed in consultation with the advisory committee on accessibility and systemic ableism (ACASA). Social Sciences and Humanities Research Council. [https://www.sshrc-crsh.gc.ca/about-au\\_sujet/governance-gouvernance/committees-comites/accessibility/reports-rapports/acasa-ccacs-eng.aspx](https://www.sshrc-crsh.gc.ca/about-au_sujet/governance-gouvernance/committees-comites/accessibility/reports-rapports/acasa-ccacs-eng.aspx)
- 2023 Havel, A., Jorgensen, M., & Wileman, S. (2023, November 30). Internship: The bridge from campus to career. D News. <https://www.dawsoncollege.qc.ca/news/internship-the-bridge-from-campus-to-career/?ref=dnews&issue=2023-11-30>
- 2023 Havel, A., Wileman, S., & Jorgensen, M. (2023, October 27). Is there a law or not? Adaptech Research Network. [https://adaptech.org/?post\\_type=publications&p=34101&preview=true](https://adaptech.org/?post_type=publications&p=34101&preview=true)
- 2023 Jorgensen, M., Havel, A., & Wileman, S. (2023, September). Annotated bibliography: Equitable access in internship settings. Adaptech Research Network. [https://adaptech.org/?post\\_type=publications&p=34099&preview=true](https://adaptech.org/?post_type=publications&p=34099&preview=true)
- 2023 Wing, S., Costin, G., & Fichten, C. (2023, May 11). *Dawson slept better and experienced greater well-being during the remote than the in-person semesters*. Unpublished article.

#### **Refereed Publications 2023-2024**

- 2023 Wing, S., Costin, G., Havel, A., Wileman, S., Jorgensen, M., Harvison, M., Vasseur, A., Ereshchenko, D., Boffa, G., Vo, C., Creti, L., Bailes, S., Libman, E., & Fichten, C. (2023, May 8). Comment les expériences récentes d'enseignement et de travail à distance ont-elles affecté le sommeil et le bien-être du personnel du collège [Conference presentation]? 90e Congrès de l'Association francophone pour le savoir (Acfas), Montréal, QC, Canada.



- 2023 Costin, G., Jorgensen, M., Fichten, C., Havel, A., Wing, S., Creti, L., Bailes, S., Libman, E., Boffa, G. Vasseur, A., Ereshchenko, D., Vo., C. (2023, May). Le chronotype et la qualité du sommeil pendant les activités à distance et en présentiel dans un contexte académique [Conference presentation]. Congrès de l'Association pour la recherche au collégial (ARC) dans le cadre du 90e Congrès de l'Association francophone pour le savoir - ACFAS, Montréal, Québec
- 2023 Havel, A., & Wileman, S. (2023, May 4). Is this bridge safe to cross [Conference presentation]? CACUSS Accessibility and Inclusion Summit, Montreal, QC, Canada.

#### **Talks, Interviews, Presentations, And Invited Addresses**

- 2024 Pickup, D. I., Borokhovski, E. F., Vo, C., Schmid, R. F., & Fichten, C. S. (2024, January 23). SSHRC knowledge synthesis grant: Marginalization, privilege, and intersectionality in post-secondary students with disabilities: AI-based assistive technology [Invited speakers]. SSHRC Knowledge Mobilization Forum – Shifting Dynamics of Privilege and Marginalization, Montreal, QC, Canada.
- 2024 Wileman, S., Havel, A., Fichten, C., & Jorgensen, M. (2024, January 9). Best practices in supporting students during internships [Invited speakers]. Intercollegiate Pedagogical Day, Montreal, QC, Canada.
- 2023 Wileman, S., & Havel, A. (2023, December 14). Is this bridge safe to cross [Invited speakers]? Concordia University, Department of Applied Human Sciences, Montreal, QC, Canada.
- 2023 Charles, L., Aunio, A.-L., Fichten, C., Lenton, K., & Hitier, M. (2023, October 13). Can engaging in funded research be a form of professional development [Invited speakers]? Dawson College Pedagogical Day, Montreal, QC, Canada.
- 2023 Libman, E., Fichten, C., Creti, L., & Bailes, S. (2023, September 5). Parasomnias and other negative sleep related phenomena among post-secondary students with and without disabilities [Invited speakers]. Psychosocial Rounds at the Jewish General Hospital, Montreal, QC, Canada.
- 2023 Havel, A., & Wileman, S. (2023, May 4). Is this bridge safe to cross? Fieldwork / clinical internship experiences of students with disabilities [Invited speakers]. CACUSS Accessibility & Inclusion Summit, Montreal, QC, Canada.
- 2023 Fichten, C., Asuncion, J., Havel, A., Wileman, S., Schmid, R., Libman, E., Bailes, S., Borokhovski, E., & Pickup, D. (2023, May 3). Marginalization, privilege, and intersectionality in post-secondary students with disabilities: AI-Based assistive technology [Invited speakers]. SSHRC Shifting Dynamics of Privilege and Marginalization Conference, Montreal, QC, Canada.
- 2023 Wing, S., Costin, G., Havel, A., Wileman, S., Jorgensen, M., Harvison, M., & Fichten, C. (2023, April 13). Sleep and well-being during the recent online activities and during the return to face-to-face activities: Faculty and non-teaching staff [Poster presentation]. McGill University Cognitive Science Research Day, Montreal, QC, Canada.



- 2023 Costin, G., Jorgensen, M., Wileman, S., Havel, A., Wing, S., Creti, L., Bailes, S., Libman, E., Vasseur, A., Ereshchenko, D., Vo, C., & Fichten, C. (2023, April 13). Chronotype and sleep quality during remote and in-person activities in an academic context [Poster presentation]. McGill University Undergraduate Poster Day at the Department of Psychology, Montreal, QC, Canada.

### Tests and Tools / Measures

- 2024 Jorgensen, M., Qin, Y., Vasseur, A., Zlotea, B., & Liao, H. (2024, February 29). Coping strategies for parasomnias [Coding manual]. Adaptech Research Network.  
<https://adaptech.org/publications/coping-strategies-for-parasomnias-coding-manual/>

### Creative Output

- 2023 Thomson, R. (2023, December 13). Using dictate tool in Microsoft Word [Video]. YouTube. <https://youtu.be/GLNfpRQVOAM>
- 2024 Iravani-Manesh, G. (2024, January 7). How to use text to speech on an iPhone [Video]. YouTube. [https://youtu.be/aCa29\\_E-FE8](https://youtu.be/aCa29_E-FE8)
- 2024 Mahaputra, B. (2024, January 7). A pocketful of tech for internships [Video]. YouTube. <https://youtu.be/19xLTnRg2eg>
- 2024 Mahaputra, B. (2024, January 7). Inclusive internships - Cut to the chase [Video]. YouTube. <https://youtu.be/XCFfAgABVLs>

### Student Involvement in Research

- 1 Cegep student
- 4 undergraduate students
- 1 graduate student

### CRISPESH



**CRISPESH, College Centre for Research and Transfer (CCTT) affiliated to Dawson College and Cégep du Vieux Montréal**

Since 2010, CRISPESH is committed to advancing knowledge about disability inclusion, supporting organizations and communities to be more accessible to people with disabilities. By drawing on findings from original research, in addition to empirical and practical knowledge, a team works collectively to offer a range of customized services that are conducive to the development of social innovations.

CRISPESH leads research on inclusive learning, the objective of which is to support the design and implementation of research-based interventions or practices that promote the educational success of students with disabilities. Research carried out in this area aims to provide evidence and tools to students, teachers and services that support students with disabilities. It also intends to inform all other college education stakeholders including the Ministry of Higher Education and the Fédération des cégeps.



The Centre provides opportunities for teachers and staff to be involved in CRISPESH activities in the form of release time from their teaching or other professional tasks. Research findings can help teachers to update or develop new knowledge to innovate practices in terms of inclusive pedagogy. During the year, six college teachers participated in a mentorship with CRISPESH disability researchers, carrying out two projects developed as part of the Chantier de la réussite éducative au collégial, two PAREA projects and one PART project. They were supported to incorporate their knowledge and areas of expertise through a scaffolded process with CRISPESH researchers.

Through employment or internship at CRISPESH, students provided invaluable advice and inputs to research and knowledge translation from the student perspective, while being coached to conduct such scientific activities. Teachers, staff and students were also invited to lunch and learn or other types of learning sessions offered by CRISPESH.

Research projects developed as part of the Chantier de la réussite focused on four components:

1. Mapping of knowledge on the educational success of students with disabilities

Mobilizing systematic knowledge synthesis methods to create an up-to-date picture of the issues, challenges and lessons learned about the educational success of this population under study.

2. Data mining and use

Identifying existing data about students with disabilities and their success, as well as missing data, while seeking to develop new approaches to better knowing and understanding the educational success of students with disabilities.

3. Inclusive education knowledge and practice

Developing new knowledge to support teaching practices in terms of inclusive pedagogy.

4. Development of collaborative research

Responding to the concerns of stakeholders through collaborations, evaluations of existing strategies that stakeholders wish to reinforce or deploy on a larger scale.

Research results are available at the [CRISPESH website](#).

Having responded for a decade to numerous requests for training or support in implementing inclusive pedagogical practices associated with Universal Design for Learning (UDL), CRISPESH's three-year PAREA research project is now aiming to provide a portrait of the social representations of college teachers on disability inclusion.

A completed PAREA project reports can be consulted at the [CRISPESH website](#).

CRISPESH joins forces in the [Québec observatory on student well-being and mental health in higher education](#), a five-year interdisciplinary project co-directed by researchers from Université de Sherbrooke and Cégep de Jonquière.





In response to increasing needs in disability inclusion in First Nations, Dawson College and CRISPESH collaborated on a research grant application to the ministère de l'Économie, de l'Innovation et de l'Énergie (MEIE). The goal of the project is to break down barriers to employment for individuals with disabilities in First Nations. It shall scale up an existing empirically designed, accessibility self-assessment tool, INCLUVIS. Other deliverables include an interactive online forum geared to provide accessibility resources to people with disabilities as well as a new protocol allowing for support professionals to take necessary measures to better support their clients with disabilities. This newly funded two-year project is underway.

## LA COLECTIVA CREAR PODER POPULA



The creation of the No me Olviden Arpillera, is the result of a collective process of envisioning and creation. In anticipation of the 50th commemoration of the Coup-d'état in Chile, a feminist collective was born in Montreal, Quebec, Canada. Comprising five Chilean-born women, this collective embodies a diverse assembly of artists, researchers, and educators bound by a common history and a shared commitment to participatory pedagogies and social justice. The CCPP was formed with the

specific purpose of conceiving and executing the No Me Olviden Arpillera project, uniting its members in a creative and impactful endeavour. The collective adopts its name from Salvador Allende's legacy, a commitment to fostering social change through the establishment of popular power.



Forget me Not Arpillera, 2023

CRÉER LE POUVOIR POPULAIRE: L'Héritage d'Allende au Québec, en mémoire du 11 septembre 1973

Exhibition from September 7 to October 22 at Écomusée du fier monde, Montreal

<https://ecomusee.qc.ca/evenement/creer-le-pouvoir-populaire/>



Social Media

INSTAGRAM: [@colectiva.crearpoderpopular](https://www.instagram.com/colectiva.crearpoderpopular)

FACEBOOK: [Colectiva Crear Poder Popular](https://www.facebook.com/Colectiva-Crear-Poder-Popular)

Email:

[crearpoderpopular.50@gmail.com](mailto:crearpoderpopular.50@gmail.com)



Members of La Colectiva have appeared in a series of interviews in local newspapers as well as radio, such as:

- “50 años del exilio chileno: una arpillera para rendir homenaje y para sanar” by Maria-Gabriela Aguzzi in Radio-Canada
- “Remembering Chile, now and forever” by Olivia Johnson in The Link Newspaper
- “A Chilean tradition of arts: remembering Allende” on CBC’s The Bridge with Nantali Indongo
- “La comunidad Chilena conmemora el golpe de estado con una gran obra artistica” on CDHL (Comité por los Derechos Humanos en America Latina) podcast with Rosalinda Hidalgo
- “Nuit blanche : notre parcours !” in Montréal en lumière in La Presse by Jean Siag and Stéphanie Bérubé
- “Una arpillera para nunca olvidar” by Camila Lewandowski on La Panamericana del Rock on CJLO of Concordia University

Exhibition: *CRÉER LE POUVOIR POPULAIRE: L'Héritage d'Allende au Québec, en mémoire du 11 septembre 1973, 2023* (Écomusée du fier monde, Montréal)



Textile representations after an Arpillera Workshop, 2023 (Atelier Carolina Echeverria, Belgo Building, Montreal)



Arpillera Workshop with participants, 2023 (Atelier Carolina Echeverria, Belgo Building, Montreal)



Two participants during an Arpillera workshop, showing their textile representations, 2023 and 2024 (Atelier Carolina Echeverria, Belgo Building, Montreal)





## RESEARCH IN NEUROSCIENCE GROUP

The **Research in Neuroscience Group**, led by Sylvia Cox (Psychology) and H       Nadeau (Physics), has been very active during the entire year through teaching courses introducing students to research, leading extracurricular activities, participating in conferences and running the summer internship. We are also pursuing the development of the EEG lab, a system of portable and affordable software and hardware aimed at making accessible to the Dawson community experiments in brain imaging. This innovative and pedagogical methodology is specifically designed for c       students and teachers.

In the Winter of 2023, the extracurricular activity of the group gave the opportunity to about 50 students to experience first-hand research in neuroscience.

During the Summer of 2023, our partnership with the QBIN led to 3 internships in university laboratories. Dawson students L       Simard and Kate Immer worked under the supervision of Ph.D. candidate Aur       Busy (CoBrA lab) on a study of degradation of myeline in the aging brain. Aashna Thampi and Martina Tsekova worked under the mentorship of Ph.D. candidate Stephanie Tullo (CoBrA lab) on the creation of 5 atlases of the Red Nucleus, the Subthalamic Nucleus and the Substantia Nigra. Luce-Elda Lunday and Alexandre Payumo were led by Ph.D. candidate Isabelle Arseneau-Bruneau (Auditory Cognitive Neuroscience Laboratory) to explore the Frequency-Following Response measured by EEG. In addition, several students used the summer opportunity to complete the analysis of the neuroscience experiments they had done during the school year, in order to be able to present them in conferences later on. Finally, a group worked on the improvement of the EEG lab, looking both at what we can do with the current equipment (Muse headbands) and at an alternative solution developed by the team of Jihene Rezgui, director of the LRIMa.

The Fall of 2023 about 150 students participated in the weekly meetings where we explored different aspects of neuroscience. Ten teams were formed in January 2024 to design, perform and analyze as many experiments during the Winter term. Again, students from the group successfully applied to present at ACFAS 2024. The details of these presentations will appear in the 2024-2025 Annual Research Report.

### Partnerships

We have had several partnerships with university researchers and organisations. The most recent are:

- Quebec Biological Imaging Network (QBIN-RBIQ)
- Centre for Research on Brain, Language and Music (CRBLM)

### Workshops and Conference Proceedings

Nadeau H. and Cox, S., (2023) "The role of a teacher in a project-based course in higher education", talk presented as a symposium at SALTISE conference and published in the Proceedings of the 12th annual SALTISE Conference, Montreal, Canada, June 2023.



### **Supervision of Student Projects Leading to Public Oral and Poster Presentations**

- 2024/01-present: Kylie Xu, Sara Hernandez, "Evaluation of Neonatal Brain Tissue Development Using dMRI", Enriched Science Seminar, Dawson, May 19, 2024.
- 2023/06-2024/09: Nayemur Rahman, "Auditory-Motor Integration and Music In Noise Task in Keyboard Players and Non-Musicians." Oral presentation, Dawson, Aug 10th, 2023.
- 2023/06-2023/09: Emily Issa, "The Music-In-Noise Task (MINT): a tool for dissecting complex auditory perception." Oral presentation, Dawson, Aug 10th, 2023.
- 2023/06-2023/09: Olohita. "Optimizing Imaging Techniques Concerning Patients with Mild Cognitive Impairment of Alzheimer's type." Oral presentation, Dawson, Aug 10th, 2023.
- 2023/06-2023/09: Dehlia Munteau, "Validating Clinical Symptoms in Multiple Sclerosis Patients With a 7T MRI." Oral presentation, Dawson, Aug 10th, 2023.
- 2023/06-2023/09: Hoi Chin Wat, Fatima Lamar, "Exploring the Role of the TACAN Ion Channel in Inducing Osteoarthritis Pain". Oral presentation, Dawson, Aug 10th, 2023.
- 2023/06-2023/09: Olivia Gundra, "Ultrasonic Vocalizations during Sucrose Anticipation". Oral presentation, Dawson, Aug 10th, 2023.
- 2023/06-2023/09: Josephine Kwon, "Exploring the relationship between the Endocannabinoid System and Schizophrenia using PET". Oral presentation, Dawson, Aug 10th, 2023.

### **ACFAS conference, May 9, 2023**

15-minute talks in ACFAS colloquium 221 : – "Étudiantes et étudiants du collégial : bastion de la relève en recherche" May 9, 2023

**Différence entre l'apprentissage visuel et auditif pour la mémoire à court terme chez les collégiens.ne.s**, Anna Maria Voyku (Collège Dawson), Martina Tsekova (Collège Dawson), Melanie Song Liu (Collège Dawson), Helene Nadeau (Collège Dawson), Sylvia Cox (Collège Dawson)

**Diviser pour mieux régner : quantification de myéline dans le cerveau par ratio T1w/T2w, biomarqueur utilisant l'imagerie par résonance magnétique**

Léa-Mai Simard (Collège Dawson), Kate Immer (Collège Dawson), Aurélie Bussy (Université McGill)

**Le cache-cache des émotions : l'influence du couvre-visage sur la reconnaissance émotionnelle**  
Sophie Anabelle Somé (Collège Dawson), Anastasia Semenova (Collège Dawson)

**Colloque 36 – Durable, la recherche collégiale?, May 8, 2023, posters :**

**Sur les traces du déclin cognitif : imagerie par résonance magnétique de la dégradation de la myéline associée au vieillissement sain et à la maladie d'Alzheimer**

Léa-Mai Simard (Collège Dawson), Kate Immer (Collège Dawson)

**Le cache-cache des émotions**

Sophie Anabelle Somé (Collège Dawson), Anastasia Semenova (Collège Dawson)





## SALTISE

### CHARLES, ELIZABETH & RESEARCH TEAM

#### FUNDED PEDAGOGICAL RESEARCH

#### Conference Presentations with Proceedings

- Slotta, J. D. & Charles, E. (Eds.). (2023). General Proceedings of the 3rd Annual Meeting of the International Society of the Learning Sciences 2023. International Society of the Learning Sciences.
- Charles, E., Adams, R., Lenton, K., Dugdale, M., & Zhang, C. (June, 2024). Connecting the Dots: Expanding on what is scaffolded in Inquiry-Based Lab approaches for college-level physics. Proceedings of 4th Annual Meeting of International Society of the Learning Sciences. ISLS 2024, Buffalo, NY, USA.
- Charles, E., Zhang, C., Jackson, P. & Choquette, J. (2024). Mediating Co-design and Collaboration: A tool that visualizes pedagogical decision-making. Presented within the Symposium - Roles of Learning Design Tools in Scaffolding Teacher Participation and Learning in Research Practice Partnerships, authors: Nancy Law, Pakon Ko, Elizabeth Charles, Jeremie Choquette, Phoebe Jackson, Chao Zhang, Davinia Hernández-Leo, Yael Kali, Ornit Sagy, Tehila Apple, Keren Sarah Levy, Kyparisia Papanikolaou, Eleni Zalavra, Chew Lee Teo, Yee Yin Tan, Guangji Yuan, Paraskevi Topali, Alejandro Ortega-Arranz, Sara Villagr -Sobrino, Juan I. Asensio-P rez, Alejandra Mart nez-Mon s, Yannis Dimitriadis, Cleo Sgouropoulou, Jingjing Zhang, Xiaojie Niu, Yicheng Huang and Yehong Yang. To be presented and in the Proceedings of 4th Annual Meeting of International Society of the Learning Sciences, pp.[xx]. ISLS 2024, Buffalo, NY, USA.

#### Conference Presentations without Proceedings

- Charles, E., Adams, R., Lenton, K., Dugdale, & Zhang, C. (2024). Relier les points: le r le des  tayages dans un laboratoire par enqu te en physique. Presented at the Colloque Annuel De L'Association Qu becoise de P dagogie Coll giale (AQPC), Gatineau, Qu bec, Canada, June 6, 2024.

#### Invited Talks

- Charles, E.S., (May 22st, 2024). Active Learning and Classroom Spaces: Leveraging pedagogy and technology to promote student engagement. Invited talk (webinar) for  cole des sciences de la gestion Universit  du Qu bec   Montr al (UQAM).





## Grants Awarded

- New grant (2023-25). Fonds de recherche du Québec (FRQ) (2024-SE3-325956). Title: Soutien aux équipes de recherche pour la programmation intitulée « Groupe de recherche interuniversitaire sur l'intégration pédagogique des technologies de l'information et de la communication » (GRIIPTIC).  
Budget: \$61,000.00 over two years  
Principal Investigator: Normand Roy (Université de Montréal)  
Co-researcher: Elizabeth S. Charles (Dawson College)
- New grant (2023-2026). Programme d'aide à la recherche sur l'enseignement et l'apprentissage (PAREA). Title: Collaborations interdisciplinaires et co-conception : Aider les éducateurs à concrétiser le plein potentiel du nouveau programme de sciences de la nature.  
Budget: \$800,000.00 (approx.) over three years.  
Principal Investigator: Dr. Kevin Lenton  
Co-researchers: Dr. Elizabeth S. Charles, Dr. Mathilde Hitier, & Dr. Annie-Hélène Samson (Dawson College), Michael Dugdale & Dr. Sean Hughes (John Abbott College), participating teachers (Karl Laroche & Rhys Adams (Vanier), Jean-François Brière (Dawson College) and research assistants

## Completed Grants and Submitted Reports

Submitted December 2023

- Programme d'aide à la recherche sur l'enseignement et l'apprentissage (PAREA). Title: Étayage des connaissances en contexte d'apprentissage par enquête en sciences: favoriser l'apprentissage de la démarche scientifique/ Building Knowledge in the Context of Inquiry-Based Learning in Science: Fostering the learning of the scientific process. Budget: \$800,000.00 (approx.) over three years  
Principal Investigator: Elizabeth S. Charles  
Co-researchers: Caroline Cormier (Cégep Andre Laurendeau), Kevin Lenton (Vanier College), Veronique Turquotte (Cégep Andre Laurendeau), Michael Dugdale (John Abbott College) & Sean Hughes (John Abbott College)

## Conferences Organized

- 13th SALTISE Annual conference (2024). Theme: Emerging Technologies in Education: Shaping Potential, Managing Pitfalls.
  - My colleagues and I have organized the 2024 event. It was held June 3rd and 4th at Concordia University. <https://www.saltise.ca/saltise-conference/>.
  - Conference program: [https://www.saltise.ca/wp-content/uploads/2024/05/Program\\_SALTISE-2024\\_v3.pdf](https://www.saltise.ca/wp-content/uploads/2024/05/Program_SALTISE-2024_v3.pdf)



## Software Development

- CourseFlow – this curriculum mapping platform is now used by over 200 educators. <https://www.saltise.ca/tool/courseflow/>
- myDALITE – this learning platform is used by over 5000 students at both the college and university levels. <https://www.saltise.ca/tool/mydalite/>

## Students in Research

Our PAREA project has involved 2 students from Dawson in this research.

## SUSTAINABLE DAWSON

### Research Award and Honours

Living Campus – C. Adam receives Governor General's Meritorious Service Award



### Grants Awards

- \$70,000 College & Institutes Canada (CICan) National Demonstration project secured – Vermi-composter
- Secured funding for two CICan interns - \$26,000
- 3 Sustainability volunteers received major awards Quebec Force Avenir Awards x 2, & Dawson Bruno Mitel Award
- Shaneli Yaghoubi, Office of Sustainability intern wins Quebec Provincial Force Avenir Award and Narcisse Waiel Hassan was a finalist



Figure 12 Students building new vermicompost garden



### Conference Presentations Given

- Presentation: National webinar about climate action; Scope 3 technical working group
- World Federation of Colleges & Polytechnics - Declaration and signing document at Palais de Congrès, Montreal
- Presented bioretention project to National Training Authorities & TVET - Access the Green Economy Program for Caribbean countries
- National webinar about climate action; Scope 3 technical working group
- Panelist external event, Urgent Call for Climate Action with a UN Convention for Conserving River Deltas
- National Presentation – CIGan – Wetland project and video
- National Presentation – CIGan – Scope 3 GHG emission calculation
- International webinar - Dawson's carbon neutral accomplishments – Association for the Attainment of Sustainability in Higher Education (AASHE)
- Participant: CIGan Living Labs national working group
- Presentation at CIGan annual Conference: Partnership with Canadore College- carbon neutral initiative & sustainable happiness (SH)
- Sustainable Happiness presentation for SDG week with Canadore College



Figure 13 Student volunteers in the peace garden

### Involvement of Students in Research

- Student groups identified 507 species for 1000 species/1000 days project
- Sustainability Literacy survey to students and employees

### Conferences Organised

- Hosted 5-day International World Youth Camp for World Federation of Colleges & Polytechnics





## Seminars Presented

- Sustainable Happiness modules recorded by Jenn de V., Holly D. & Chris A. as part of Univ. of London Masters of Psychology Program – Positive Societies & Social Change
- Sustainable Happiness Certificate implemented for administrators at Canadore College
- Honeybee & Sustainable Happiness workshops given at Support Staff Training Day
- Presentation: National webinar about climate action; Scope 3 technical working group
- Dawson Ped Day Sustainability presentation- Integrating Sustainability into the curricula

## Reports Prepared

- Sustainable Happiness Program implementation at Dawson
- CEGEP Vert Report

## Research Action Projects, Social Innovations, Events Organised

- Monarch Nursery designed by Industrial Design students
- Hugel garden and indigenous garden constructed by Physical Education class on Campus
- Partnership agreement signed between Canadore College and Dawson – sharing sustainability best practices
- 1000 species in 1000 days and bioblitz project launched

## Outreach Events

- Hosted Montreal Insect Show - 3000 visitors
- Media:
  - CBC Daybreak interview – Living Campus
- Living Campus Tours:
  - Lakeshore Rotary Club
  - Delegation of International trade colleges – Caribbean region
- St. George's School of Montreal
  - ECS School, Montreal
  - Provincial representatives from CEGEP Technique en Loisirs programs
  - CIGan delegation – World Federation of College's & Polytechnics



Figure 14 Industrial Design students and teacher, Adam Kingsland, building the Monarch Nursery

