

ACTIVITY REPORT

University Mission

Research and Training

2023-2024



A WORD FROM THE DIRECTORS OF THE UNIVERSITY MISSION

We are pleased to present the University Mission Activity Report for 2023-2024!

The importance of Research, Evaluation, Training, and Partnerships with postsecondary institutions represents the foundation of a University Hospital Centre such as our Dr. Georges-L.-Dumont University Hospital Centre and its affiliated centers. In fact, the University Mission plays a central role in the Network, ensuring rigor in our initiatives and in the improvement of care and services, while ensuring optimal internships to increase future recruitment.

Our accomplishments were made possible by the invaluable collaboration of our many partners within and outside the Network. Our respective teams brought 2023-2024 to a close on a note of growth, development and achievement. We would like to congratulate all those who have been part of this success and who have collaborated, in one way or another, with our amazing teams. Thank you for your sustained efforts, your commitment and your confidence, which have contributed to this great collective effort to advance research and the next generations of students and future employees.

Congratulations to everyone for another great year of hard work and success!



Erika Dugas

Erika Dugas
Regional Director of
Research and Health
Evaluation



M. Poirier

Martine Poirier
Regional Director of
Training and Educational
Partnerships

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01

Research and Health Evaluation

[Our Team](#)

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Our Team

A Year of Transformation!

Our team grew over the past year – first by integrating the **Clinical Trial Support Unit** into the Research and Health Evaluation sector. We also created consultant positions and a research and evaluation manager position to meet the growing needs of the Network. Finally, we welcomed the **Maritime Strategy for Patient-Oriented Research (SPOR) SUPPORT Unit (MSSU)** Moncton team. These research professionals have enriched the team's services by providing expertise in patient-oriented research, making it possible to increase the number of projects and partnerships efficiently. We continue to strive for excellence through the rigor of all our research initiatives within the Network.

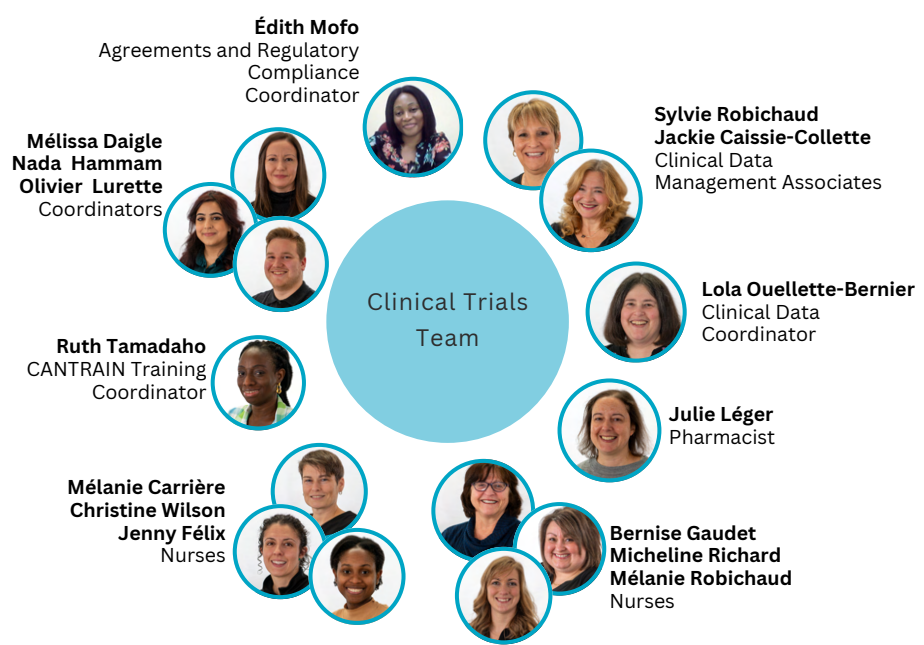
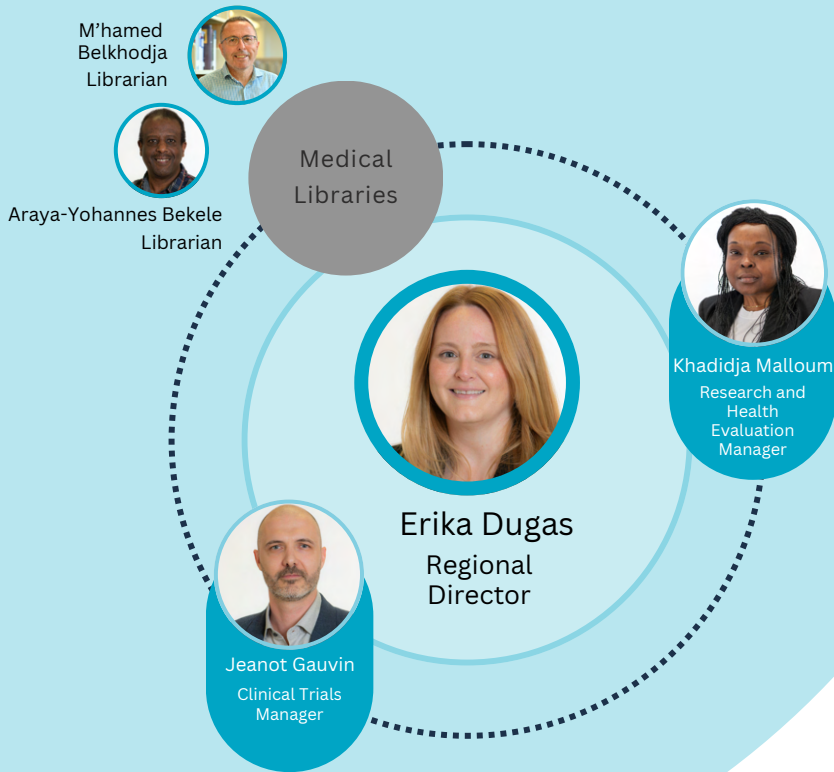
What is Patient-Oriented Research?

Patient-oriented research recognizes that patients have **personal experiences** related to a health condition while navigating our health care system.

Patient-oriented research places great value on this knowledge and patients become involved as **partners** in the research process.

This type of research therefore brings patients into contact with health care providers, decision makers and other stakeholders, with the aim of conducting research that is relevant and has the potential to improve health care and services. We are aiming to include **patient partners** in all the Network's research projects within the next year.





2023-2024 Summary

Here is a [summary](#) of Vitalité Health Network's [Research and Health Evaluation](#) activities for 2023-24



In 2023-2024, the Research and Health Evaluation sector carried out [289 research activities](#), including 78 research and evaluation projects, 65 literature and best practice reviews and 66 knowledge transfer activities.

In addition, [21 research projects](#) led by [university researchers](#) were carried out within the Network, highlighting an important [collaboration](#) between the Network and 8 Canadian universities.

With the help of the Clinical Trial Support Unit, 36 clinicians conducted [33 therapeutic clinical trials](#) in partnership with 12 pharmaceutical companies and 7 academic institutions, providing Vitalité patients with the opportunity to receive innovative alternative treatments. Eight new sponsored clinical trials began during the last year, including four in cardiology, three in respirology and one in internal medicine.

As an essential part of the [University Mission](#), our [Medical Libraries](#) carried out more than 4,000 consultations (including services such as literature monitoring, scientific document and article retrieval, and bibliographic research training) to support the Network's professionals and students.

The [success](#) and [influence](#) of our research activities, including [51 scientific articles](#) and [\\$2,160,448 million](#) (research grants, salary awards and clinical trial revenues), have been made possible by the inquisitive minds and dedication of our wonderful research community!





Evaluation Takes On a More Prominent Role

Since the development of this new department in 2022, more than **50 evaluation projects** on the introduction, implementation and/or effectiveness of new programs and services have been carried out. Our team works closely with the Planning sector to ensure the integration of an evaluation framework for all the Network's priority projects and business plans.



Research: The Cornerstone of Learning Client Programs

The Network emphasizes the importance of integrating research, evaluation and evidence at all levels of the organization to ensure the Network's transformation into a **learning organization**. The Research and Health Evaluation sector is an **important catalyst** for **learning client programs**, generating, acquiring and transmitting new knowledge to enhance the quality of care and services, and the health of our population.



4th Annual Rare Disease Awareness Day: A Resounding Success!

This year, **110 people took part** in this event, which put the **voice of patients and families affected by a rare disease** center stage. Researchers, decision makers, funding agencies and health care professionals from across Canada were in attendance, including Dr. Ludivine Chamard-Witkowski, Dr. Yves Thibault and his team, which includes Professor Étienne Hébert Chatelain from the Université de Moncton. This memorable event was a unique opportunity to raise awareness, collaborate and explain scientific advances in this crucial area of health care.

Highlights

1st Decentralized Clinical Trial in Respiriology!

The first decentralized clinical trial was launched at the Network this year. Led by **Dr. Marcel Mallet**, this clinical trial is investigating an innovative treatment for patients with **severe asthma**. Many visits with these patients take place **virtually or in their homes**, improving access to clinical trials for the entire population served by the Network.

Great Honour for Dr. Georges-L.-Dumont UHC: Recipient of ATC Consortium Grant

The researchers of the Accelerating Clinical Trials (ACT) Consortium named **Dr. Rémi LeBlanc** as the local champion of clinical research at the Dr. Georges-L.-Dumont UHC. This appointment led to the award of a \$313,000 grant, which will **improve research capacity at the Dr. Georges-L.-Dumont UHC** and make it possible to activate clinical trials associated with several ATC Consortium research networks.



Vitalité's Large Research Community!

Once again this year, our community was large and included:

- o 4 clinician researchers
- o 4 researchers integrated into the health care system (i.e. professionals with protected research time)
- o 36 clinicians involved in clinical trials
- o Some 100 Friends of Research, i.e. health care professionals, clinicians, managers and decision makers who have participated in research activities

CANTRAIN Partnership

2023 marked the beginning of a collaboration between Vitalité Health Network and CANTRAIN (CANadian Consortium of Clinical Trial TRAINing platform). The main objective of this consortium is to **improve the capacity and quality of clinical research** through accredited training programs and hands-on practice.

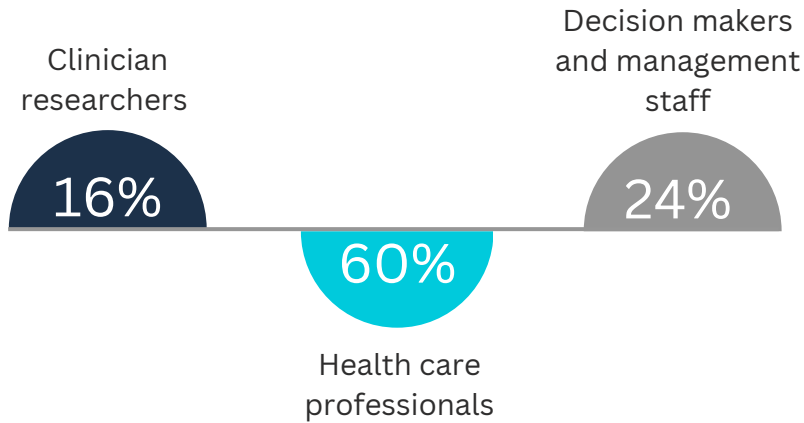


Research and Health Evaluation Activities



Research and Health Evaluation Activities

In 2023-2024, 268 **internal requests** were submitted to the Research and Health Evaluation sector to support our clinician researchers and health care professionals (initiatives aimed at improving care and services) and our decision makers (initiatives related to strategic planning).

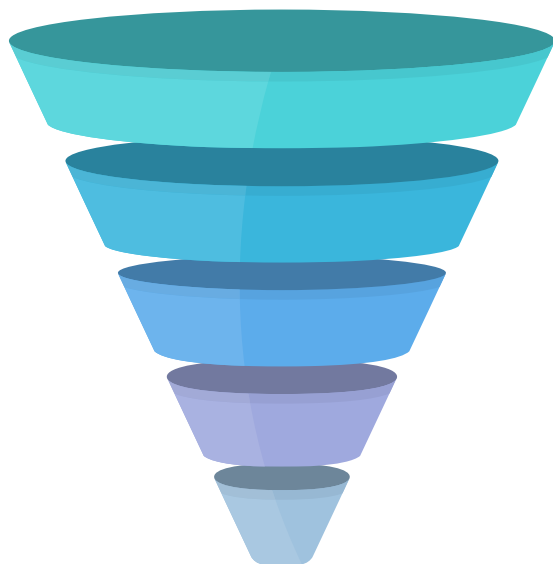


Proportion of **internal*** research initiatives (vs. **external**)

93%

* Research project/initiative where the principal investigator has an affiliation with Vitalité Health Network

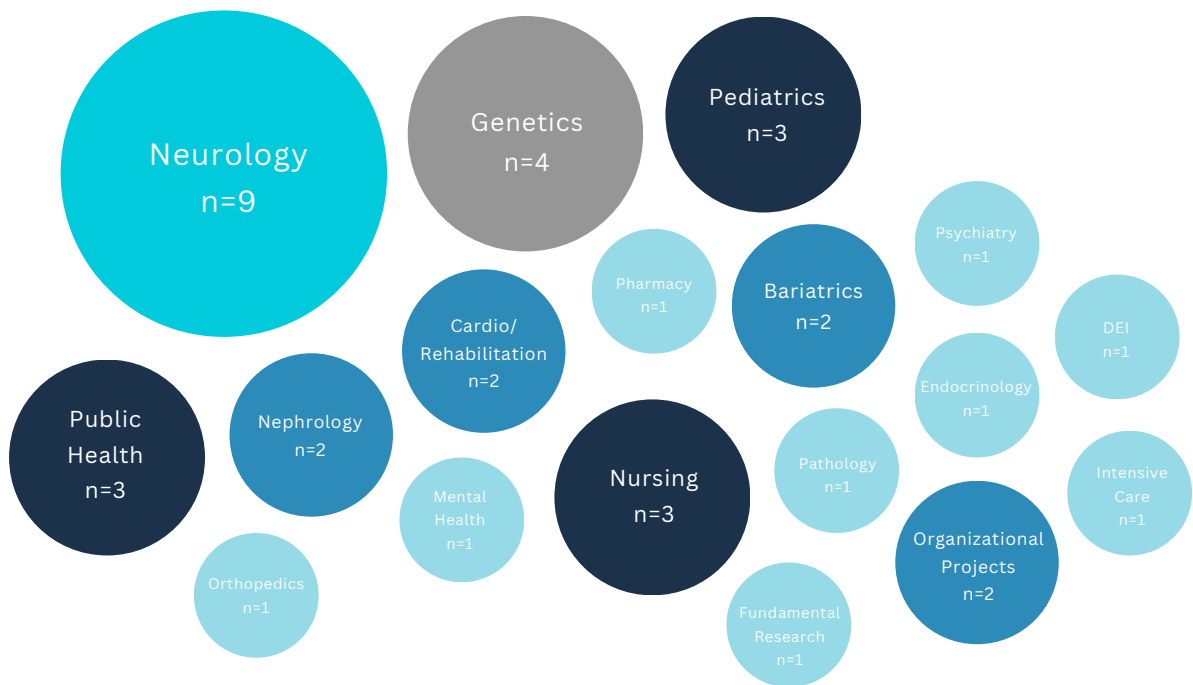
Requests by Sectors



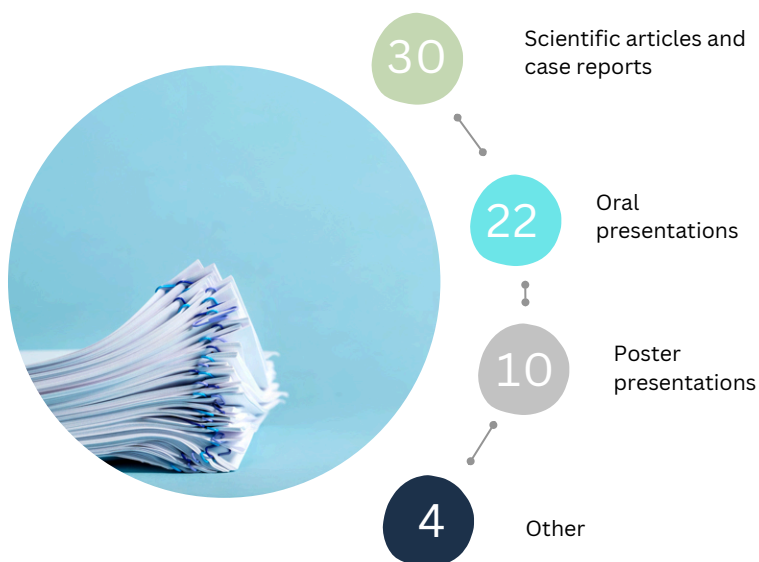
- 144 Clinical Services
- 62 Cross-Functional Clinical Services
- 49 Non-Clinical Catalysts
- 8 Leadership Team
- 8 Organizational Risk Management

Research and Evaluation Activities

This year, **39 research projects** with an internal researcher took place at Vitalité Health Network. These projects focused on the following themes:

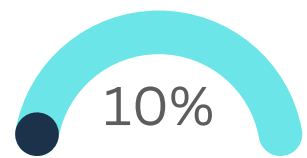


Types of Knowledge Transfer Activities

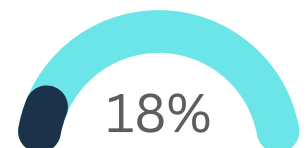


Types of Projects

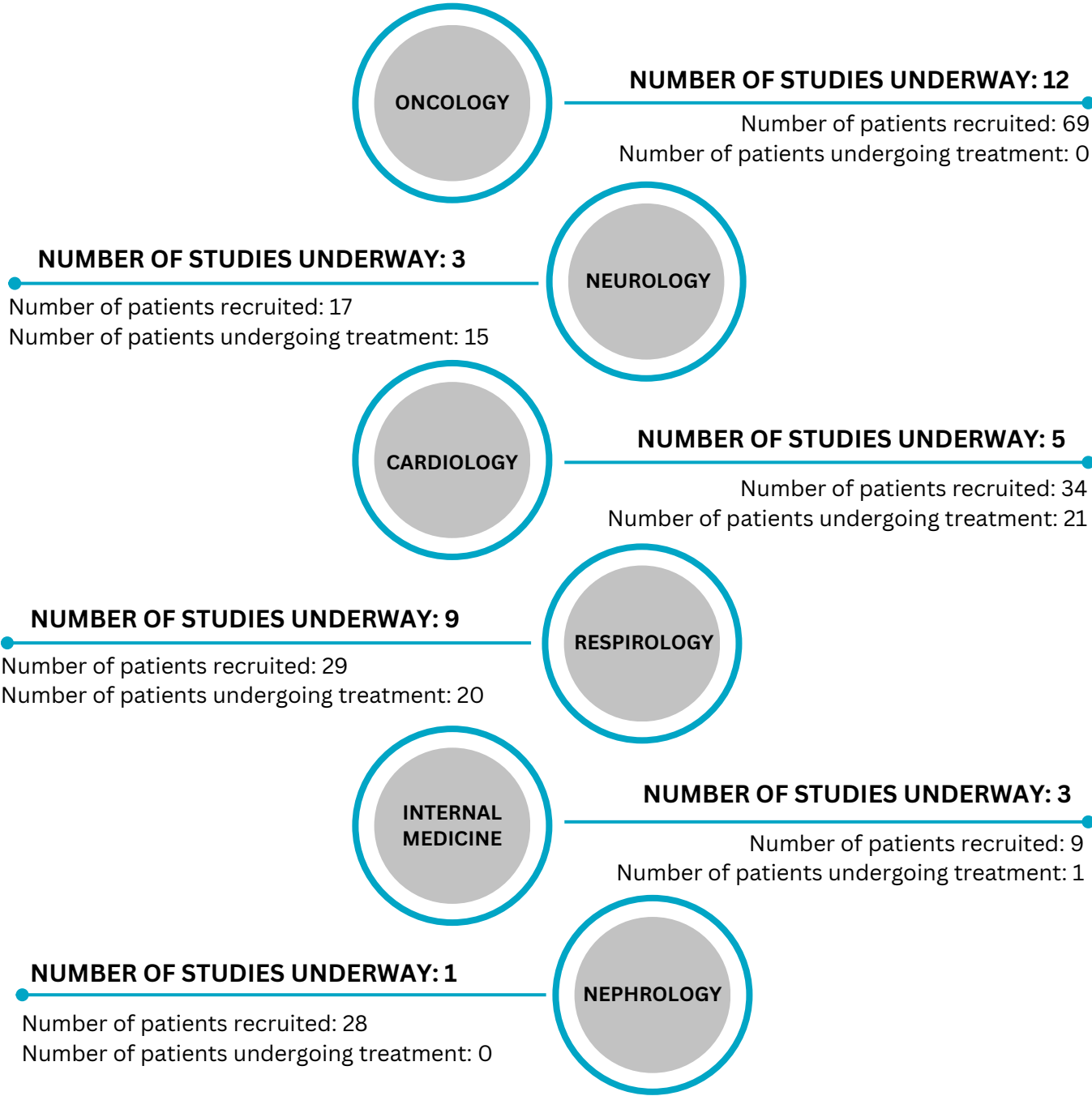
Proportion of research projects with ≥ 1 patient partner(s)



Proportion of projects that include ≥ 1 student(s)



Clinical Trials Activities



Number of patients recruited = since the start of the study
Number of patients undergoing treatment = during 2023-2024

Clinical Trials Activities

Vitalité Health Network's 33 clinical trials have made it possible to offer innovative treatment options to our patients and communities!



Drug Savings - participation in trials can generate savings for the Health Network, the patient, and the province.

\$527,770

52%

Clinical trials sponsored by a pharmaceutical company

vs

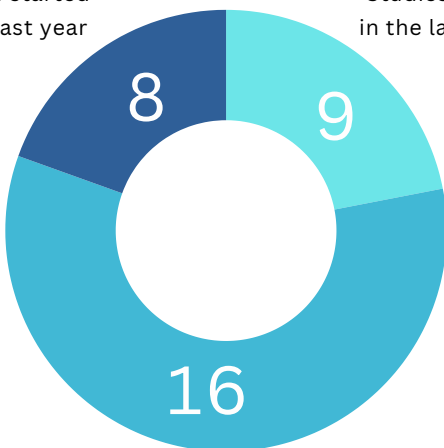
48%

Un-sponsored clinical trials (i.e. developed by university researchers)

Details of 2023-24 Clinical Trials

Studies started in the last year

Studies closed in the last year



Studies already underway in 2023

Studies by Phase

Clinical trials in **phase 1** - Is it safe?



Clinical trials in **phase 3** - Is it better than what already exists?



Clinical trials in **phase 2** - Is there evidence of effectiveness?



Clinical trials in **phase 4** - Are there additional rare side effects?

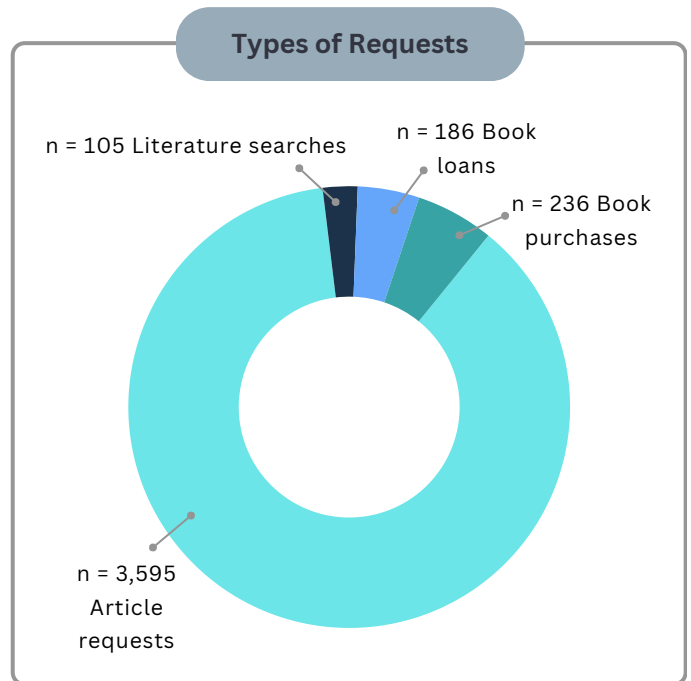
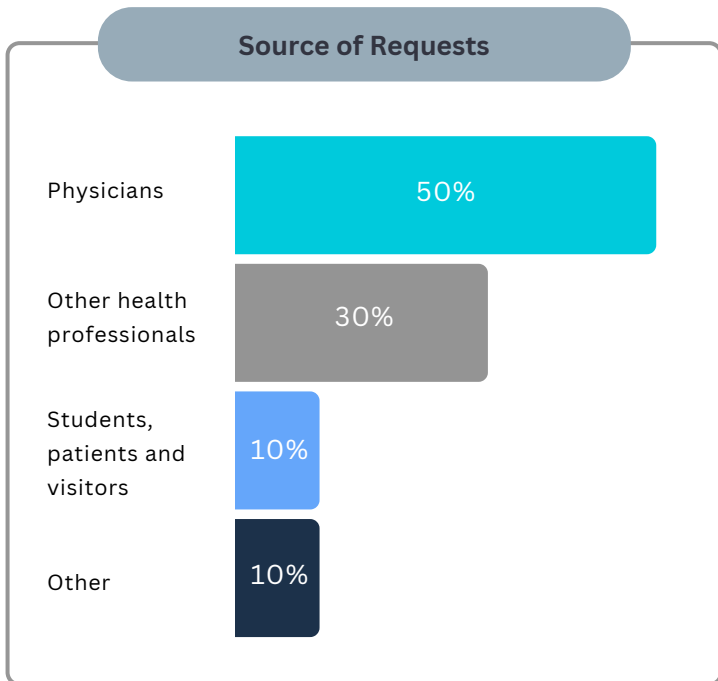


Medical Libraries Activities

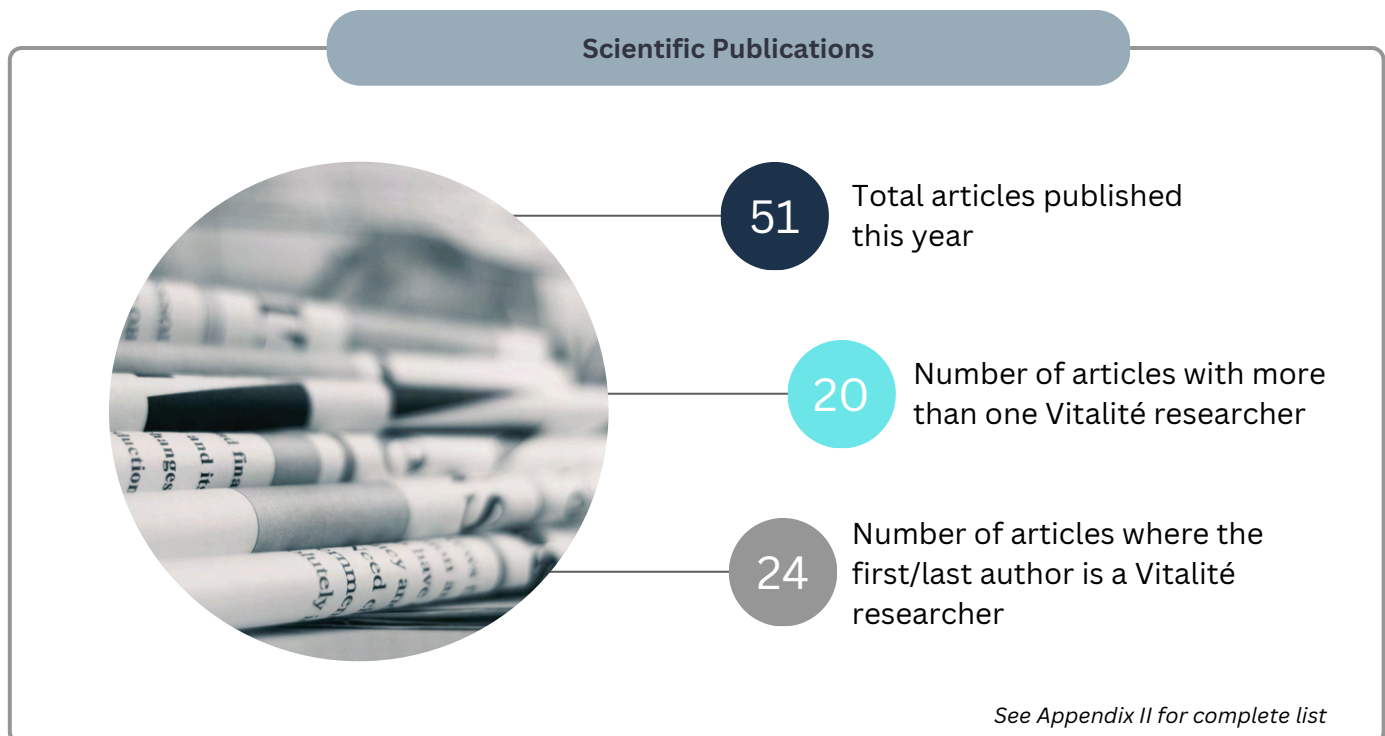
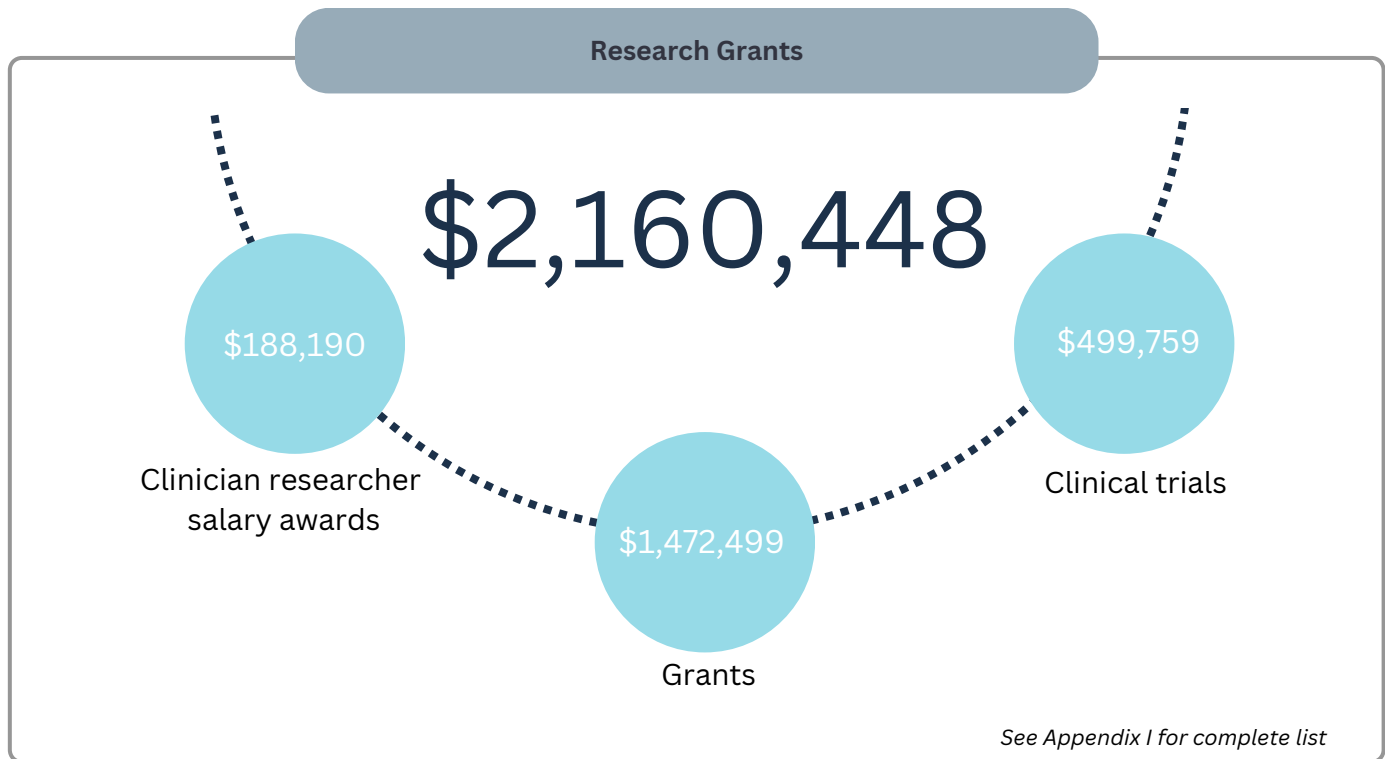
The Network's **Medical Libraries** offer services such as document monitoring, scientific document and article retrieval and bibliographic research training.



Book **acquisitions** for the libraries 236



Research Grants and Publications



02

Training and Educational Partnerships

Our Team

Summary and Highlights

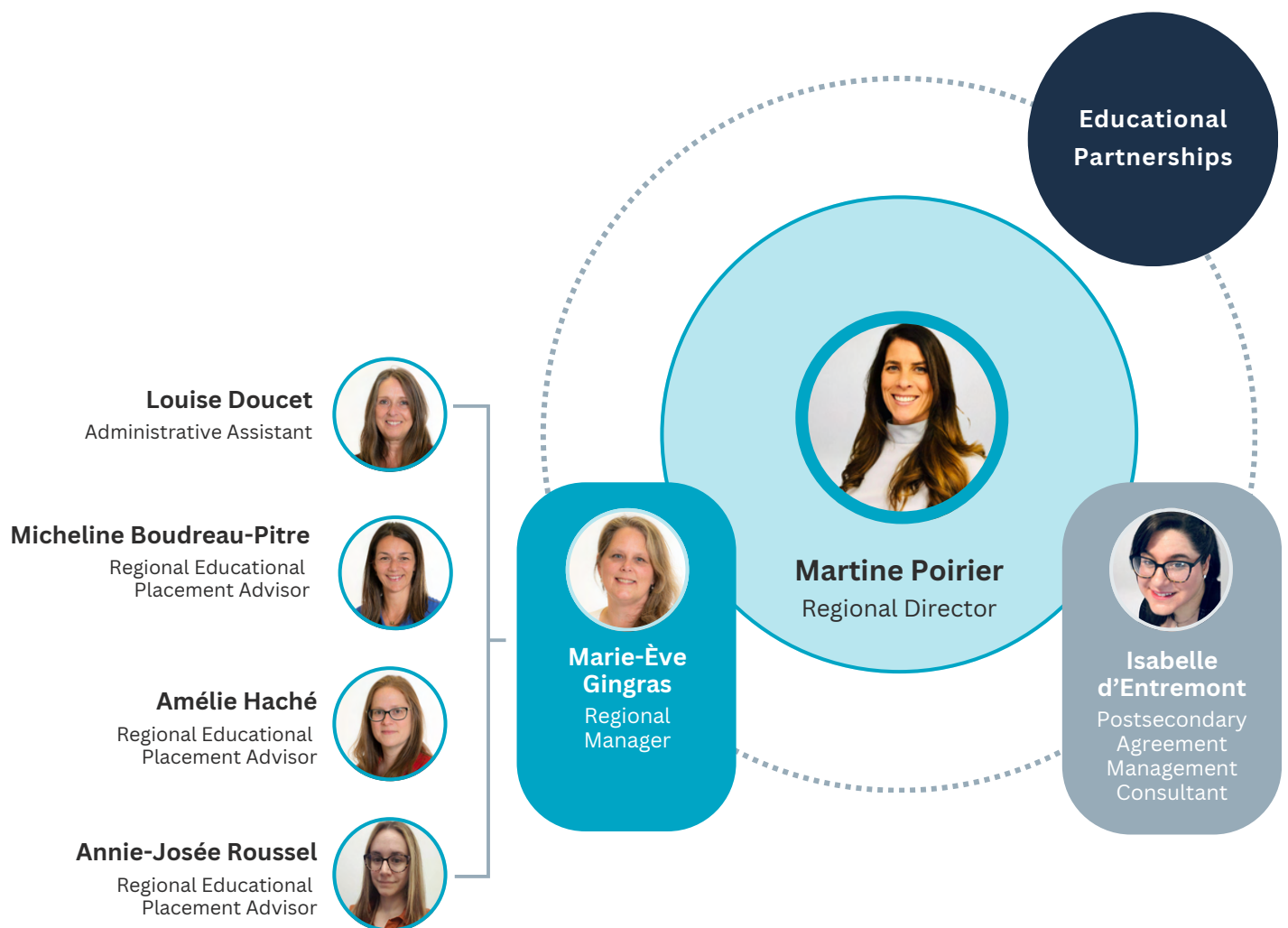
Affiliation Agreements

Active Programs

Placement Activities

Our Team

The Training and Educational Partnerships team continues to offer a complete **student placement** service at Vitalité Health Network. This year, a **Postsecondary Agreement Management Consultant** position was created to develop, review and update agreements. **Academic partnerships** remain a priority for the Training sector, and we place great value on our relationships with our partners.



2023-24 Summary



In 2023-2024, the Vitalité Health Network had **68 affiliation agreements** with Canadian postsecondary institutions, associated with one or more training programs. In total, the Network welcomed students from 45 programs.

This year, the Network opened its doors to **1,647 students** in its facilities for placements. For medical and nursing placements and other clinical and non-clinical placements, **the largest proportion of placements took place in Zone 1**. Here are the details of placement activities:

- In total, the Network hosted **664 nursing students** training to be nurse practitioners, registered nurses, licensed practical nurses and patient care attendants. These students account for **41% of all placement students**.
- The **medical** sector welcomed **266 students** for rotations, including 133 clerkship students, 72 residents and 61 medical students for shadowing. Most of these rotations were done in Zone 1.
- A total of **264 placement students** took part in **clinical placements** (excluding the medical and nursing sector), representing 30 university or college programs. The professions for which the placement students were trained include laboratory technicians, paramedics, social workers, etc.
- The **non-clinical placements** include 10 primarily college programs. A total of **66 placements** were provided, including research, medical secretary and health services management placements.

In addition, the Network welcomed **387 high school students**: 342 participated in shadowing placements, while 45 did co-op placements. These students are more evenly distributed across the four zones than students completing other types of placements.

To maximize the recruitment and retention of our current and future students, the Network and the Training sector have set the goal of optimizing placements in the years ahead. This year, **20 students could not be placed**. Let's work together to achieve this great organizational goal!



Improvements to the Placement Requirement Process

The process was revised **to improve the student experience in preparation for placements** in our facilities. We would like to highlight the collaboration with the Occupational Health Office concerning student immunization records.



The Network's Position: Maximizing Student Placements in 2024!

The Training sector is working on developing performance indicators, including one that takes into account **the refusal rate for placements**. This indicator will help identify and better understand the issues and challenges related to student placement.



CP+ Set to Take Off in 2024!

The rollout of a student placement portal called **Clinical Placements+** (CP+) is planned for 2024. This portal will facilitate student placements (excluding medical students) and standardize placement requirements, while providing real-time statistics.



New Template for Affiliation Agreements

To simplify the development and negotiation of affiliation agreements between Vitalité Health Network and postsecondary institutions, the Training sector, in collaboration with the Organizational Risk Management sector, has developed a new affiliation agreement template in both official languages.

Highlights

Placement Coordinators Building Closer Ties with the Community

The Training Office's placement advisors have put a great deal of effort into **forging closer links with our partner facilities and high schools** over the past year. The advisors are also working more closely with all sectors of our Network to facilitate and help with student placements.

International Placements for Nurse Practitioners



This year, we welcomed students from France (from the Université de Brest in Brittany and Sorbonne University in Paris) **for nurse practitioner shadowing placements.**



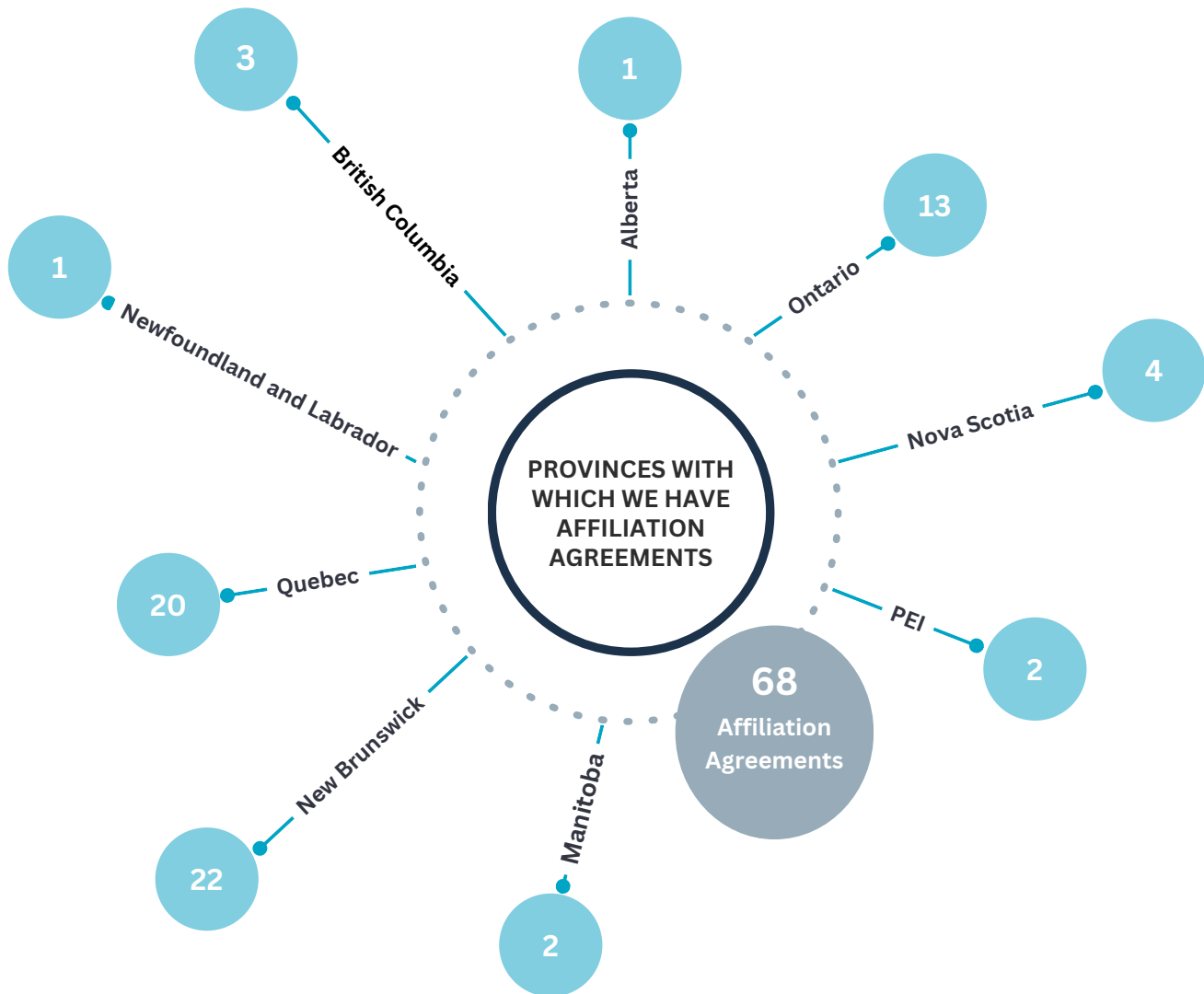
Superb Collaboration with Non-Clinical Coordinators to Welcome Students

The team of non-clinical coordinators did an **exceptional** job of working together to recruit nursing preceptors and to welcome and provide tours to students in each of the Network's zones.

Welcoming Students: New Sectors and New Programs

This year, we were lucky enough to host students from a **social work assistant program** at the Network for the first time. In addition to the sectors that regularly welcome students, this year we have seen an increase in the number of placement students in certain sectors such as Pharmacy and Human Resources. *Special thanks to the placement preceptors and supervisors!*

Affiliation Agreements



Three new agreements were signed this year:

- **Consultation et formation santé LDL** (NB) – Patient care attendants
- **Beal University Canada** (Maine, USA) – Bachelor of Science in Nursing
- **Atlantic College of Applied Health Sciences Ltd** (NB) – Patient care attendants

Two amendments were made to add programs to our current agreements:

- **Eastern Shores School Board** (QC) – Patient care attendant program
- **La Cité** (ON) – All programs in health sciences and social and human sciences

Active Programs

Each **affiliation agreement** with a postsecondary institution represents ≥ 1 program of study. The Training team is constantly striving to welcome students and trainees from various **training programs** across Canada, with the goal of maximizing placement opportunities.

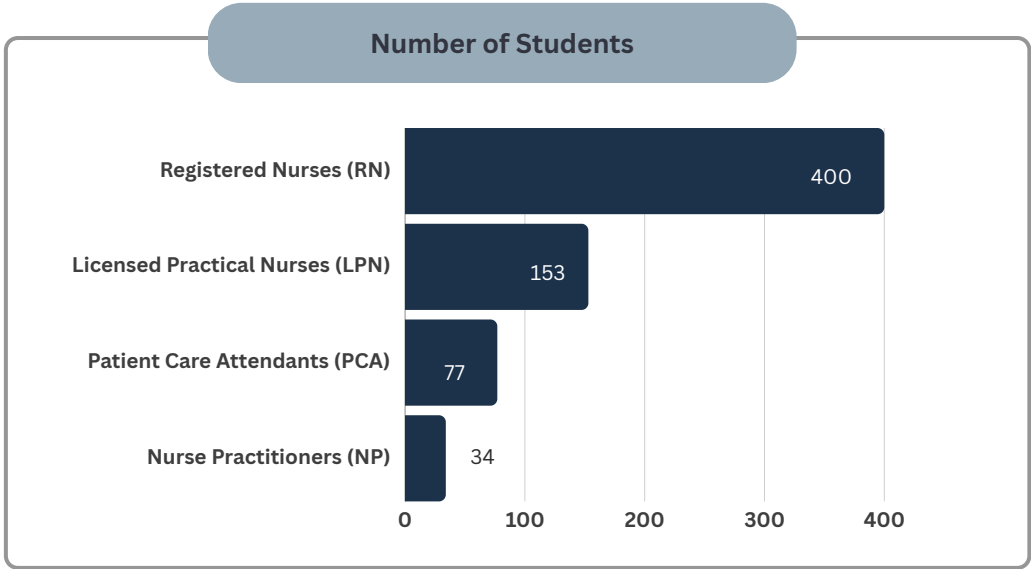


Active Programs: Postsecondary programs for which Vitalité Health Network welcomed one or more students in 2023-2024.

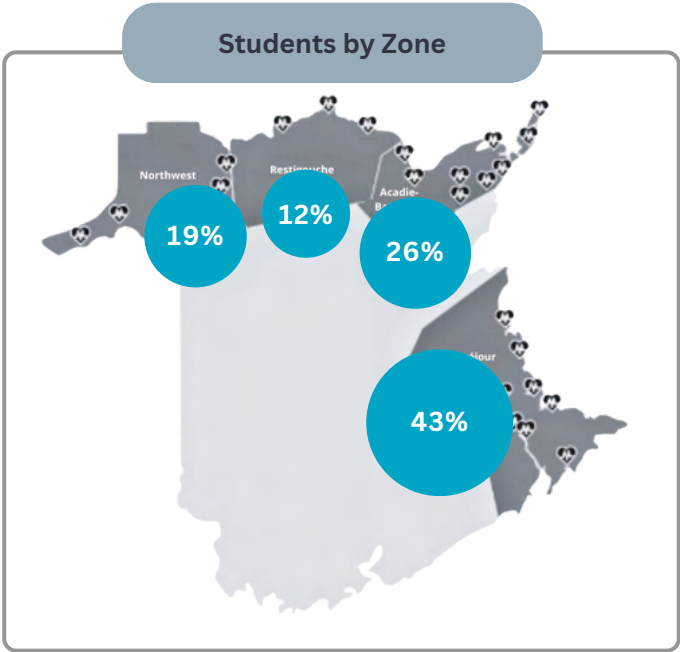
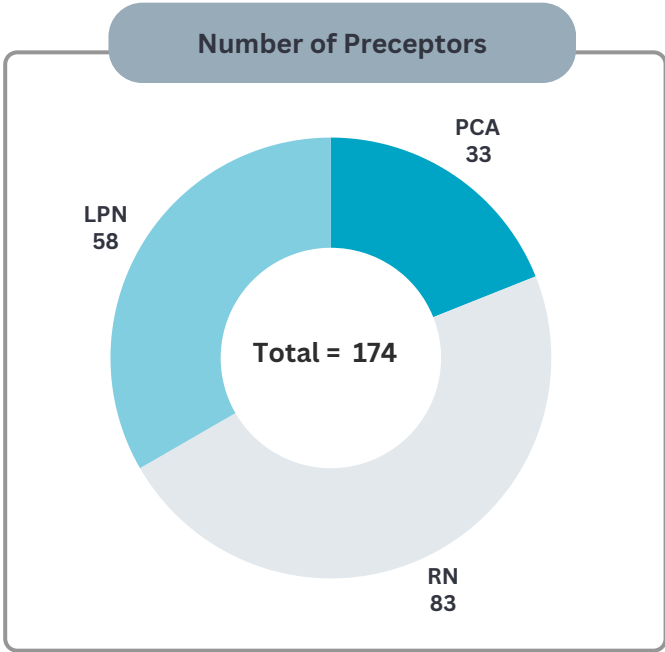


Placement Activities - Nursing

664
Students



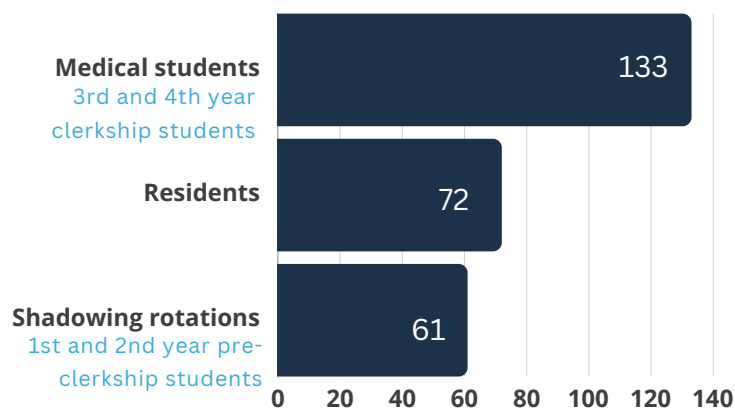
Nursing students make up a **significant proportion** of placement students at the Network, representing **41%** of the total number of placement students in 2023-2024.



Placement Activities – Medical Training

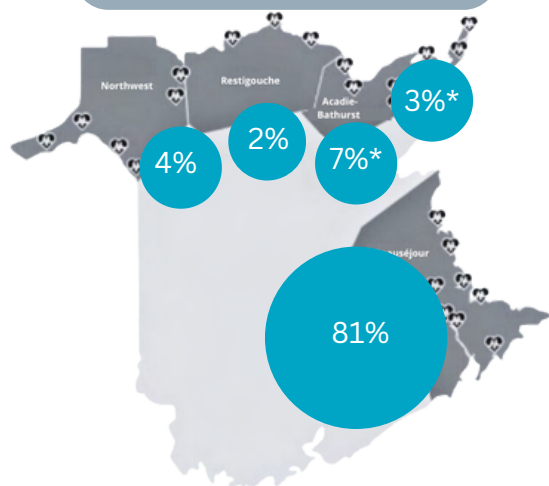
266
Students

Medical Clinical Rotations



Shadowing placements for 1st and 2nd year pre-clerkship students are **clinical observation** placements with a practitioner in health and social services. This type of observation aims to introduce the notion of teamwork while discovering the role of different health care professionals in a clinical setting.

Rotation Periods by Zone**



*7% for the Bathurst region, 3% for the Acadian Peninsula region
**In addition, 3% did out-of-province rotations

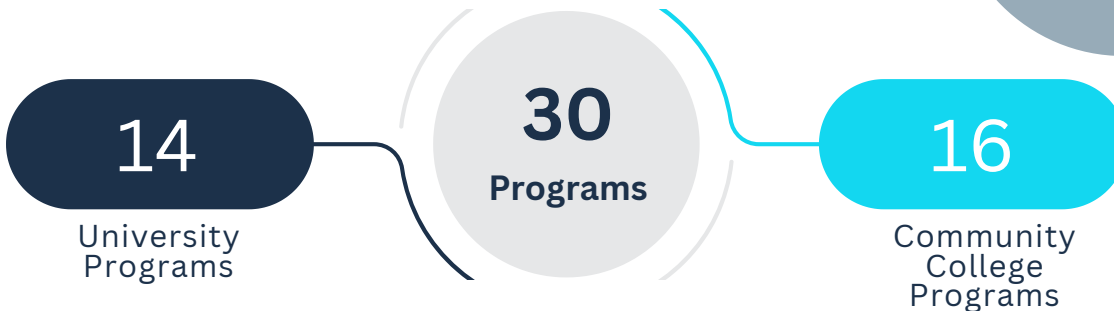
Number of Months of Rotation

743 Vitalité Health Network
22 Out of province

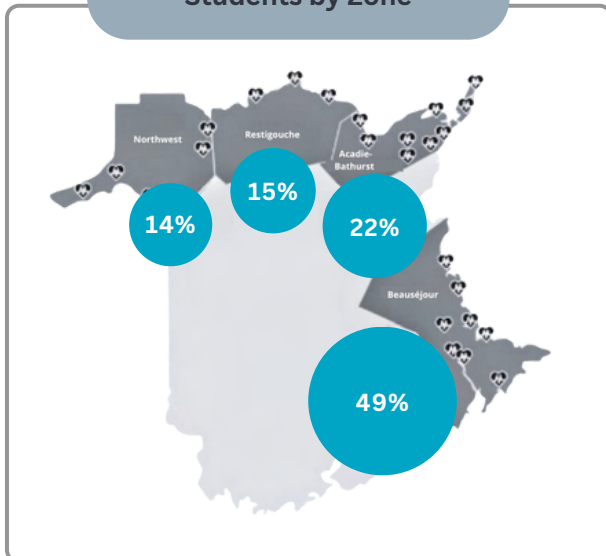
Placement Activities – Clinical Placements*

*Excluding medical and nursing rotations

264
Students



Students by Zone



Main Programs

- 49 Medical Laboratory Technologists
- 36 Paramedics
- 18 Community Integration Advisors
- 18 Social Workers
- 17 Laboratory Assistants
- 16 Respiratory Therapists
- 15 Medical Radiation Technologists
- 11 Pharmacists
- 10 Peer Support Workers
- 9 Physiotherapists
- 9 Pharmacy Technicians
- 9 Cardiology Technicians
- 47 Other *



*See Appendix III for a list of other programs.

Placement Activities – Non-Clinical Placements*

*Placements that do not involve direct patient care

66
Students

2

University Programs

10
Programs

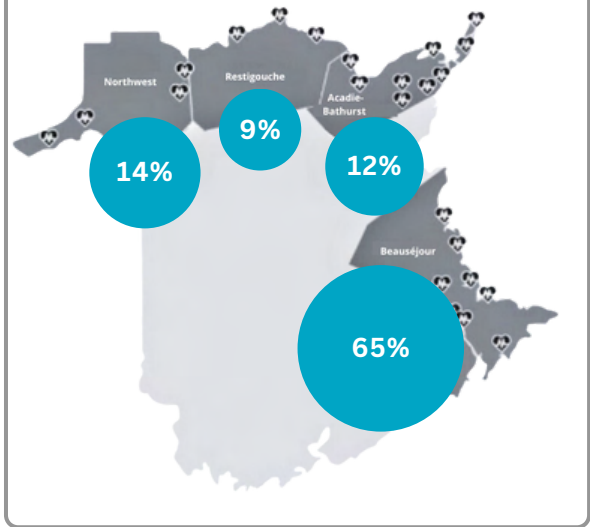
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Community College Programs

Programs

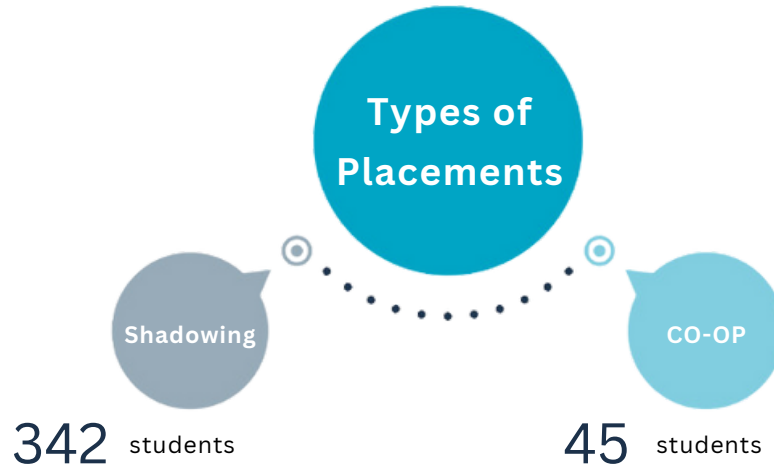
- 23 Research Interns
- 20 Medical Secretaries
- 11 Administrative Assistants
- 3 Health Services Managers
- 2 Financial Services Clerks
- 2 Delinquency Response Technologists
- 2 Mechanics
- 1 Staffing Officer
- 1 Industrial Mechanic
- 1 Specialized Power Engineering Technician

Students by Zone

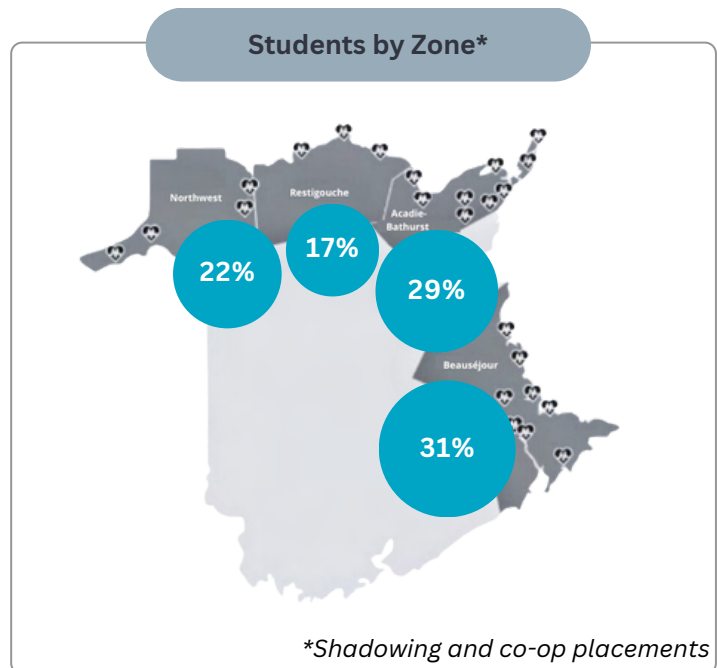


Placement Activities – High Schools

387
Students



On November 1, 2023, a number of Network employees hosted high school students for **one-day shadowing placements** during the *Take Our Kids to Work Day* initiative!



03

Appendices

I – Research Grants

II - Scientific Papers

III - Other Clinical Internship Programs

Appendix I: Research Grants

A - Research grant where the principal investigator is a researcher, clinician or health/research professional of Vitalité Health Network AND project whose funding is administered in whole or in part by the Vitalité Health Network

Title	Researcher(s)	Source of funding, grant period, amount awarded in 2023-2024
Initiative d'excellence en essais cliniques oncologiques avancées – personnaliser mon traitement (PMT)	Ouellette R, St-Hilaire E, Biobanque CHU Dumont	Exactis Innovation 2016-présent Total : 569 182\$ (84 000\$ en 2023-24)
NB PALM (Projets Synergic@Home et BHSP)	Chamard-Witkowski L, Jarrett P, McGibbon C, Sexton A, Yetman L	Ministère du Développement social du Nouveau-Brunswick avec des fonds du gouvernement du Canada (HSPP) 2020-2024 Total : 3 000 000\$ (249 100\$ pour Vitalité) (42 669\$ en 2023-24)
Devenir un système de santé apprenant: la stratégie d'un réseau de santé au Nouveau-Brunswick. Projet pilote - Unité clinique apprenante Santé des aînés	Sonier-Ferguson B, Poirier M, Pelletier D, Lebreton F, Desrosiers F	Ministère du Développement social du Nouveau-Brunswick avec des fonds du gouvernement du Canada (HSPP) 2020-2024 Total : 2 047 359\$ (382 709\$ en 2023-24)
Pilot study for genetic carrier screening in New Brunswick	Ben Amor M	Sanofi Genzyme -Pharmaceutical compassion Financial support 2020-2024 Total : 63 000\$ (0\$ en 2023-24; argent reçu en totalité)
Pilot Project: Carrier screening in New Brunswick (Madawaska region)	Ben Amor M	NBHRF Strategic initiative grant 2021-2023 Total: 30 000\$ (0\$ en 2023-24; argent reçu en totalité)
Optimisation des tests de laboratoire et des transfusions sanguines au Réseau de santé Vitalité	Bouhtiauy I, Douaré M	Programme de financement de la Société médicale du NB pour les initiatives d'amélioration de la qualité des soins 2022-2023 Total: 15 000\$ (0\$ en 2023-24; argent reçu en totalité)

Programme de recherche en génétique	Ben Amor M	CFMNB 2022-2024 Total : 25 000\$ (0\$ en 2023-24; argent reçu en totalité)
Programme de recherche en neurologie – clinique MAPR	Chamard-Witkowski L	CFMNB 2022-2023 Total : 25 000\$ (0\$ en 2023-24; argent reçu en totalité)
Impact d'un traitement chronique au N-Acétyl-cystéine sur la fonction rénale et mitochondriale chez les patients atteints du syndrome Fanconi acadien et évaluation in vitro d'un protocole alternatif de traitement centré sur le patient	Thibeault Y, Chatelain E	DUO 2022-2024 Total : 25 000\$ (12 500\$ en 2023-24)
Développement d'un essai de génotypage accéléré et abordable pour la classification des Leucémies Lymphoïdes Chroniques (LLC)	Allain E, Robichaud G, Maillet J, Boudreau L	DUO 2022-2024 Total : 25 000\$ (12 500\$ en 2023-24)
Essai pilote d'un outil d'évaluation des risques pour promouvoir le changement de comportement dans une clinique d'enseignement de la médecine familiale	Babin L, Mekary S, Bélanger M, Beauchamp J	DUO 2022-2024 Total : 25 000\$ (12 500\$ en 2023-24)
Projet Pilote sur les Opérations de la Cataracte	Banville N, Pelletier C, Javidi R, Fisher K, Caron J, Breckenridge	Ministère du Développement social du Nouveau-Brunswick avec des fonds du gouvernement du Canada (HSSP) 2022-2024 Total : 5 005 000\$ (158 033\$ pour la recherche) (158 033\$ pour la recherche en 2023-24)
Canadian Consortium of Clinical Trial Training (CANTRAIN) platform: enhancing career preparedness in RCT research targeting different audiences across the continuum	Chercheurs principaux: Bourbeau J, Anderson D, Batist G, Bell EC, Benoit BL, Collister D, Dasgupta K, F C, Fergusson DA, Filion KB, Gahagan JC, Goos L, Khan NA, King M, Li LC, Mitra S, Morin SN, Pilote L, Reiman T, Richer LP, Saleh RR, Sapp JL, Tomblin Murphy GG, Yeh AE. Co-chercheurs: Sonier-Ferguson B, Jose C, et al.	CIHR 2022-2025 Total : 11 317 324\$ Total qui sera reçu au RSV : 415 000\$ (112 882,63\$ en 2023-24)
Programme de recherche en neurologie	Chamard-Witkowski L, Jose C	Sunnybrook CIHR Subaward 2022-2025 Total : 35 000\$ (0\$ en 2023-24; argent reçu en totalité)
CFMNB Clinical Scholarship Salary	Chamard-Witkowski L	NBHRF – CFMNB 2022-2026 Total : 352 758\$ (88 189.50\$ en 2023-24)

CFMNB Clinical Scholarship Salary	Ben Amor M	NBHRF – CFMNB 2022-2026 Total: 500 000 (400 000\$ salary award and 100 000\$ in year 1 for Research Related Support program) (100 000\$ en 2023-24)
Marathon de l'espoir Terry Fox	Ouellette R, Biobanque CHU Dumont	Institut de recherche Terry Fox 2022-2026 Total : 568 262\$ (160 327\$ en 2023-24)
Cognitive Inhibition Deficit as a Potential Sensitive Marker of Long Term Follow-up of COVID-19 Syndrome	Saucier J	ResearchNB Knowledge Translation Grant 2023 Total: 1 500\$ (1 500\$ en 2023-24)
Fake News in Multiple Sclerosis: Assessing the Beliefs of Patients Living with Multiple Sclerosis	Duguay V	ResearchNB Knowledge Translation Grant 2023 Total: 1 500\$ (1 500\$ en 2023-24)
Collecte de données en temps réel sur les patients atteints de myélome multiple	St-Hilaire E, Biobanque CHU Dumont	CMRG – Fondation Myélome 8849M 2023-2024 Total : 27 000\$ (27 000\$ en 2023-24)
Building multisectoral capacity to plan for the development and evaluation of an interactive, inclusive and patient-centered knowledge transfer tool to reduce stigma around autism	Jose C, Bouma A, Chiasson M, George Zwicker P, Hebert, Chatelain L, McKenna A, Munde J, Tardif L	CIHR Subventions de planification et de dissémination 2023-2024 Total : 25 000\$ (25 000\$ en 2023-24)
The first comprehensive mapping of genetic variation in New Brunswick to assess population structure and burden of mendelian genetic diseases with high clinical impact	Ben Amor M	ResearchNB Bridge Grant 2023-2024 Total: 35 000\$ (35 000\$ en 2023-24)
Le développement d'outils de génomique fonctionnelle pour l'amélioration des diagnostics des patients du Nouveau-Brunswick	Bouhamdani N, Ben Amor M, Comeau D	DUO 2023-2025 Total : 25 000\$ (12 500\$ en 2023-24)
Le rôle d'un programme communautaire d'activité physique auprès des francophones minoritaires du Nouveau-Brunswick : Pouvons-nous adapter le cerveau à l'aide d'activité physique	Lang A, Mekary S, Emond T	DUO 2023-2025 Total : 25 000\$ (12 500\$ en 2023-24)
L'impact progressif du choc de la réalité professionnelle sur le stress vécu, la santé psychologique et l'intention de quitter des étudiantes infirmières francophones : étude longitudinale mixte	Doucet C, Maillet S, Rhéaume A	DUO 2023-2025 Total : 25 000\$ (12 500\$ en 2023-24)

Évaluation de la validité de construit et de la fiabilité inter-évaluateurs d'une version française du questionnaire « Activity-mesure for post acute care - 6 clicks » (AM-PAC)	Bergeron T, Handrigan G, Dufour-Doiron M , Brun C	DUO 2023-2025 Total : 25 000\$ (12 500\$ en 2023-24)
Biomarqueurs sanguins dans le syndrome post-COVID19 : diagnostic, évolution, pronostic	Chamard-Witkowski L , Boudreau L, Robichaud G	DUO 2023-2025 Total : 25 000\$ (12 500\$ en 2023-24)
Analyse du microenvironnement des tumeurs CPNPC des patients répondeurs et non-répondeurs à l'immunothérapie	Ouellette R , Surette M, Surette A	DUO 2023-2025 Total : 25 000\$ (12 500\$ en 2023-24)
To be or not to be a working health professional when having graduated abroad?"	Jose C , McDonald T, Johnson C, Lavergne R, Heasley J	NBHRF 2023-2025 Total : 142 184\$ (71 092\$ en 2023-24)
Developing a sustainable genomic surveillance system in New Brunswick by implementing a multi-pathogen wastewater genomic program	Desnoyers G	Integral Genomics Innovation Program - Public Health Agency of Canada 2023-2025 Total: 255 560\$ (148 934\$ en 2023-24)
Accelerating Clinical Trials (ACT) – Portfolio Hospitals	Leblanc R	CIHR 2023-2026 Total: 313 048.41\$ (100 284.6\$ en 2023-24)
Journée internationale des maladies rares 2024	Malloum Boukar K	ResearchNB Knowledge Translation Grant 2024 Total : 400\$. (400\$ en 2023-24)
New Brunswick youths' pre-referral trajectory on the path to diagnosis for FASD: A qualitative study of lived experiences	Laforest ME, LeBlanc N , Demont C , Dugas EN , Jose C , Bouchard MA , Robichaud M , Maillet N , Maillet D	ResearchNB Research Related Support Grant 2024 Total: 3 668\$ (3 668\$ en 2023-24)
Using SERIOUS GAME technology to mobilize evidence-based knowledge and decrease stigma on autism in adulthood	Jose C , Spandrel Interactive	Programme d'aide à la recherche industrielle du Conseil national de recherches du Canada (PARI CNRC) 2024 Total : 5 000\$ (5 000\$ en 2023-24)

B - Research grant where a Vitalité Health Network researcher, clinician or health/research professional is a collaborator OR where the funding is not administered by the Vitalité Health Network

Title	Researcher(s)	Source of funding, grant period, amount awarded in 2023-2024
Sport participation through the transition from adolescence to adulthood	Chercheur principal: Bélanger M Co-I: Gunnell K, Doré I, O'Loughlin J, Brunet J, Sabiston C	SSHRC (Insight grants) 2020-2023 Total : 336 695\$
Explorer les mécanismes des Inégalités Sociales liées au Tabagisme en population adolescente pour développer une stratégie préventive intégrative: le projet EXIST	Chercheur principal: Minary L Co-Chercheurs: Dugas EN , et al.	Institut National du cancer (INCa) et l'Institut de Recherche en Santé Publique (IReSP) 2020-2024 Total : 1 997 819 Euros
Coping strategies and mental health: quantitative and qualitative insight into the COVID-19 experience in young adults	Chercheurs principaux: Sylvestre MP, Bélanger M , O'Loughlin J Co-Chercheurs: O Ferlatte O, Gariepy G, Maximova K, Plourde V, Thombs B	CIHR Operating grant 2021-2024 Total : 457 422\$
Identification of immune checkpoint inhibitor response profiles in plasma EV liquid biopsy for lung cancer	Chercheur principal: Ouellette R	Canadian Cancer Society 2021-2024 Total : 299 000\$
Stratégies Nationales Innovantes pour l'Éducation en Recherche axée sur le Patient (INSPIRE)	Chercheurs principaux: LeBlanc A (NPI), Bosma R, Goldowitz D, et al. Co-investigateur: Bélanger M et al.	CIHR Training Grant: Strategy-for Patient-Oriented Research (SPOR) National Training Entity 2021-2025 Total : 5 250 000\$
Maritime SPOR SUPPORT Unit Phase II	Chercheurs principaux: Bélanger M , Hamilton M, McDonald T, et al.	CIHR 2021-2026 Total : 7 327 627\$
Briser régulièrement une période prolongée de sédentarité améliore-t-il la flexibilité métabolique des personnes âgées sédentaires	Chercheur principal : Dionne I Co-Chercheurs: Bélanger M , Mekary S	Centre de recherche du Centre Hospitalier de l'Université de Sherbrooke et Centre d'excellence en diabète, obésité et complications cardiovasculaires de l'UdS 2022-2023 Total : 10 000\$
Cancer extracellular vesicle (EV) liquid biopsy AI signatures as predictors of response to immune checkpoint inhibitors	Chercheurs principaux: Ouellette R , Surette M	MITACS 2022-2025 Total : 400 000\$

CAN-DO (CANNabis research DevelOpment): A cells-to-society research program on cannabis and mental health in younger adults	Chercheurs principaux: Sylvestre MP & O'Loughlin J. Co-Chercheurs: Dugas EN , et al.	CIHR 2022-2027 Total : 500 000\$
Maximize your Research on Obesity and Diabetes (My ROaD)	Chercheur principal: Bélanger M Co-Chercheurs: Tchernof A, Carpentier A	NBHRF 2022-2027 Total : 125 000\$
Training platform in diabetes, obesity and cardiometabolic health	Chercheurs principaux: Tchernof A, Blondin D, Brunt K, et al. Co-Chercheurs: Bélanger M , et al.	CIHR Training Grant: Health Research Training Platform 2022-2027 Total : 2 400 000\$
Artificial Intelligence Driven Applied Theranostics	Chercheur principal: Ouellette R	New Brunswick Innovation Foundation-Emerging Projects 2023 Total : 24 979\$
Expositionaux écrans et à la nature: évaluation d'outils de mesure et estimation des impacts sur la santé mentale des jeunes à partir de données longitudinales des études MATCH et NDIT	Chercheur Principal: Doré I Co-Chercheurs: Bélanger M et al.	RRSPQ – Réseau de recherche en santé des populations – Regroupement Santé mentale des populations : Concours Initiatives Structurantes 2023-2024 Total : 20 000\$
Essai pragmatique contrôlé randomisé de promotion de l'Activité physique Post Réadaptation cardiaque en s'Exerçant chez Soi (l'étude APRES)	Chercheur Principal: Bélanger M Co-Chercheurs: Dufour-Doiron M et al.	IRSC – Subvention Projet – Annonce de priorité CLOSM 2023-2024 Total : 100 000\$
CANNabis research DevelOpment (CAN-DO)	Chercheurs principaux: Sylvestre MP, O'Loughlin J & Paradis G Co-Chercheurs: Dugas EN et al.	FRQ-S 2023-2025 Total : 600 000\$
Cancer extracellular vesicle (EV) liquid biopsy AI signatures as predictors of response to immune checkpoint inhibitors	Chercheur principal: Ouellette R	New Brunswick Innovation Foundation-RPI 2023-2025 Total : 90 000\$
Pan-cancer extracellular vesicle (EV) liquid biopsy signatures as predictors of response to immune checkpoint inhibitors	Chercheur principal: Ouellette R	Terry Fox Research Institute-Marathon of Hope Cancer Center 2023-2025 Total : 1 047 328\$
Early Cancer Detection and Interception for Molecular Residual Disease (MRD) in Solid Tumors	Chercheur principal: Bedard P Co-Chercheur : Ouellette R	Terry Fox Research Institute-Marathon of Hope Cancer Center (Pan-Canadian application) 2023-2025 Total : 1 560 000\$

Linking the Heart with the Brain Through Physical Activity	<p>Chercheurs Principaux: Mekary S, Bélanger M</p> <p>Co-Chercheurs : Dufour-Doiron M et al.</p>	<p>Heart and Stroke Foundation of NB + Research NB 2023-2025</p> <p>Total: 40 000\$</p>
Rétention du personnel soignant en régions rurales: les rôles du bien-être psychologique et de l'attachement aux communautés francophones en situation minoritaire	<p>Chercheurs principaux: Collin S, Johnson C. Co-I: Dube A, Laforest ME, Lauzier M, Landry MH.</p> <p>Collaborateurs: Dugas EN, Sonier-Ferguson B.</p>	<p>Bourse nationale de recherche du CNFS 2023-2025</p> <p>Total : 123 580\$</p>
The Impact of COVID-19 on Francophone and other Minority Language Groups Living in Long-/term Care or Receiving Home Care	<p>Chercheur Principal: Tanuseputro P</p> <p>Co-Chercheurs: Gallant F, et al.</p>	<p>CIHR Team grant 2023-2025</p> <p>Total: 554 624\$</p>
Assessing administrative workload in primary care	<p>Boursier: Gallant F</p> <p>Co-Applicants: Lavergne R, Sonier-Ferguson B</p>	<p>Mitacs Elevate Postdoctoral Fellowship 2023-2025</p> <p>Total: 120 000\$</p>
Identification of immune checkpoint inhibitor response profiles in plasma EV liquid biopsy	<p>Chercheur principal: Ouellette R</p>	<p>David and Nancy Holt Partnership Fund 2023-2026</p> <p>Total: 150 000\$</p>
The Pan-Canadian Genome Library (PCGL)	<p>Chercheurs Principaux : Bourque G et al.</p> <p>Co-Chercheurs: Ben Amor M et al.</p>	<p>CIHR Team Grant: Pan-Canadian Human Genome Library 2023-2028</p> <p>Total: 15 000 000\$</p>
Partnership for Equitable, Diverse and Inclusive Participation, Access, and Quality Experiences in Youth Sport	<p>Chercheur principal: Sabiston C</p> <p>Co-Chercheurs: Belanger M, Gallant F, et al.</p>	<p>SSHRC Partnership Grant 2023-2030</p> <p>Total : 2 500 000\$</p>
Partnership for Equitable, Diverse and Inclusive Participation, Access, and Quality Experiences in Youth Sport	<p>Chercheur Principal: Bélanger M</p> <p>Co-Chercheur: Sabiston C</p>	<p>ResearchNB 2023-2030</p> <p>Total: 210 000\$</p>

<p>New Brunswick youths' pre-referral trajectory on the path to diagnosis for FASD: A qualitative study of lived experiences</p>	<p>Chercheurs principaux: Laforest ME, LeBlanc N, Demont C</p> <p>Co-Chercheurs: Dugas EN, Jose C, Bouchard MA, Robichaud M, Maillet N, Maillet D.</p>	<p>ResearchNB Research Related Support Grant 2024 Total : 3 668\$</p>
<p>Artificial intelligence and computational biology approaches to predict therapeutic response in plasma extracellular vesicles from cancer patients</p>	<p>Chercheur principal: Ouellette R</p>	<p>Beigene Canada Fund 2024 Total : 50 000\$</p>
<p>Prostate cancer liquid biopsy: Plasma and urine extracellular vesicle profiles for early detection and risk stratification</p>	<p>Chercheur principal: Ouellette R</p>	<p>Prostate Cancer Fight Foundation 2024 Total : 12 000\$</p>
<p>Artificial Intelligence Driven Applied Theranostics</p>	<p>Chercheur principal: Ouellette R</p>	<p>New Brunswick Innovation Foundation-Equipment Fund 2024 Total : 144 301\$</p>
<p>The impact of patient-physician language concordance/discordance on in-patient outcomes in New Brunswick, Canada</p>	<p>Gallant F</p>	<p>Institut de Savoir Montfort – bourse postdoctorale 2024-2025 Total : 15 000\$</p>
<p>Early detection of high-risk breast cancer using plasma extracellular vesicles</p>	<p>Chercheur principal: Ouellette R</p>	<p>Canadian Research Society 2024-2027 Total : 180 000\$</p>
<p>Extracellular-vesicle based liquid biopsy profiles in early-stage triple-negative breast (TNBC) cancer and their response to neoadjuvant chemotherapy</p>	<p>Chercheur principal: Ouellette R</p>	<p>Breast Cancer Canada 2024-2027 Total : 75 000\$</p>
<p>Changing primary care capacity in Canada (4C): A cross-provincial mixed methods study to inform workforce planning</p>	<p>Chercheur principal: Lavergne M</p> <p>Co-Chercheurs: Jose C, Gallant F, et al.</p>	<p>CIHR 2024-2028 Total : 1 041 430\$</p>

Appendix II: 2023-2024 Scientific Papers

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Annexe III: Other Clinical Internship Programs

Programs	Number of students
Phlebotomists	7
Rehabilitation Assistants	6
Occupational Therapists	6
Kinesiologists	6
Psychologists	6
Dietitians	5
Audiologists	2
Speech-Language Pathologists	2
Recreational Therapists	2
Electroneurophysiology Technologists	2
Criminologist	1
Nuclear Medicine Technician	1
Dignostic Imaging Technologist	1
Total	47

NOTES

