

FAMILY MEDICINE ANNUAL REPORT

2022 - 2023



MEMORIAL
UNIVERSITY

FACULTY OF MEDICINE

MISSION STATEMENTS

MISSION STATEMENT OF MEMORIAL UNIVERSITY

Memorial University is an inclusive community dedicated to innovation and excellence in teaching and learning, research, scholarship, creative activity, service and public engagement.

Memorial welcomes and supports students and scholars from all over the world and contributes knowledge and expertise locally, nationally and internationally.

MISSION STATEMENT OF THE FACULTY OF MEDICINE

Working in the spirit of partnership and respect, the Faculty of Medicine is committed to delivering integrated excellence in education, research and evidence informed care; meeting the unique health needs of our rural, remote and urban communities; and advocating for health, equity, Indigenous health and healthy populations

MISSION STATEMENT OF THE DISCIPLINE OF FAMILY MEDICINE

Through respectful collaboration, the Discipline of Family Medicine (DFM) delivers excellence in learner-centred, and evidence-informed education, patient-centered research and comprehensive primary care; meets the unique needs of diverse people and communities we serve; and advocates for equity in health.

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MESSAGE FROM THE CHAIR

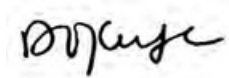
Thank you to our full and part-time faculty, our staff, and our learners. We are a strong team thanks to all of your efforts.

I encourage you to take a few minutes to review the Annual Report and reflect on our accomplishments. It is a great overview of a successful year! With everyone focused on their own portfolios, it's easy to miss the great work happening elsewhere in the Discipline. This report is a wonderful opportunity to see what your colleagues are working on throughout their year.

Thank you for your ongoing support and dedication. I am beyond proud of our Discipline!

All the best in the year ahead.

Sincerely,



Danielle O'Keefe, MD CCFP FCFP MSc Chair,
Discipline of Family Medicine



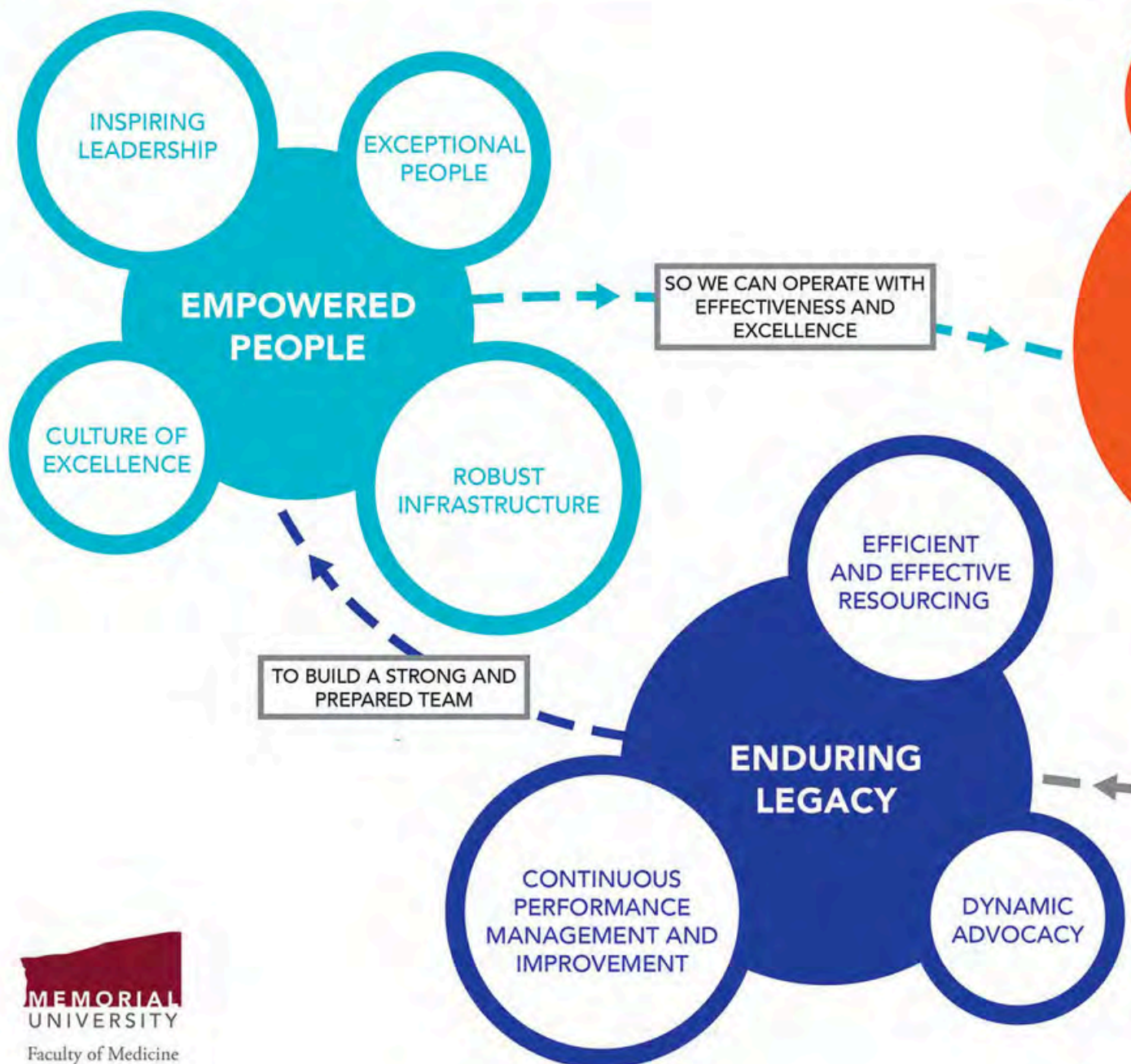
DESTINATION EXCELLENCE 2018-2023

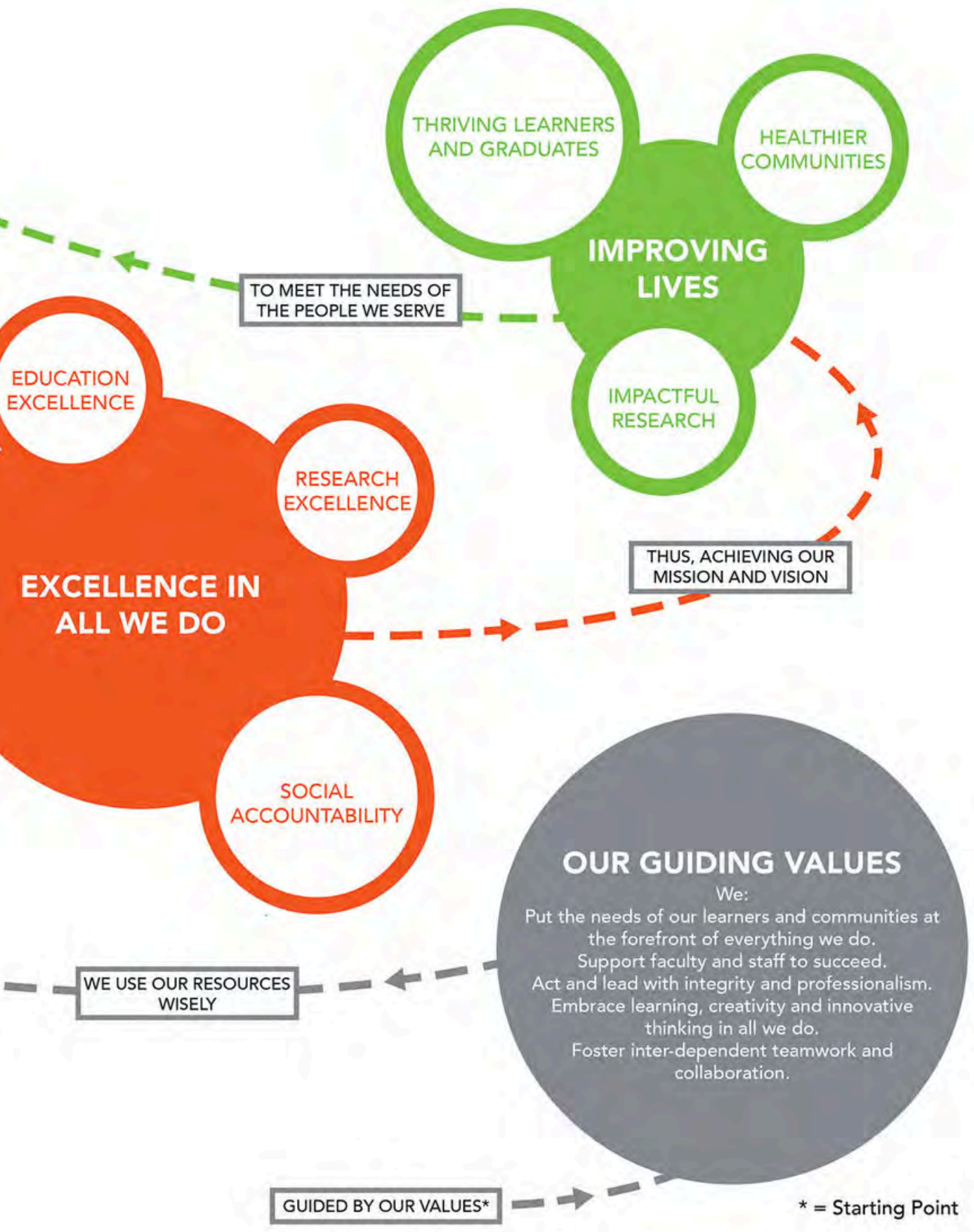
OUR MISSION

Working in the spirit of partnership and respect, the Faculty of Medicine is committed to delivering integrated excellence in education, research and evidence informed care; meeting the unique health needs of our rural, remote and urban communities; and advocating for health, equity, Indigenous health and healthy populations.

OUR VISION

Through excellence, we will integrate education, research and social accountability to advance the health of the people and communities we serve.





DISCIPLINE OF FAMILY MEDICINE STRATEGY IMPLEMENTATION MAP 2019-2024

<p>WE ACHIEVE OUR VISION AND MISSION</p>	<p>OUR MISSION</p> <p>Through respectful collaboration, the Discipline of Family Medicine (DFM) delivers excellence in learner-centred, and evidence-informed education, patient-centered research and comprehensive primary care; meets the unique needs of diverse people and communities we serve; and advocates for equity in health.</p>			
	<p>OUR VISION</p> <p>To advance health through leadership in socially accountable education, research, and patient-centred care.</p>			
<p>AND OUR OUTCOMES TO MEET THE NEEDS OF THE PEOPLE WE SERVE</p>	<p>IMPROVING LIVES</p>			
	<p>Thriving learners and graduates</p>	<p>Impactful research and scholarship</p>	<p>Healthier communities</p>	
	<p>Develop and maintain relationships with our alumni and retirees</p>	<p>Support our faculty, staff, researchers and learners to be active in research and scholarly pursuits</p>	<p>Participate in sustainable partnerships to shape and improve health equity and the health system</p>	
<p>BY OPERATING WITH EFFECTIVENESS AND EXCELLENCE,</p>	<p>EXCELLENCE IN ALL WE DO</p>			
	<p>Education excellence</p>	<p>Research excellence</p>	<p>Social accountability</p>	
	<ul style="list-style-type: none"> Promote generalism in a family medicine context Increase number of DFM residency spots to 50% Promote layered learning at every teaching site Promote innovative educational approaches, layered learning, IPE and faculty development at all teaching sites 	<ul style="list-style-type: none"> Foster a productive research environment with clear research priorities Increase the number of funded research projects, and publications 	<ul style="list-style-type: none"> Champion efficient and effective use of resources Advocate for health equity, indigenous health, and healthy populations Develop a comprehensive, inclusive DFM Social Accountability framework Consider the patient voice in all that we do 	
<p>BUILDING A STRONG AND PREPARED TEAM,</p>	<p>OUR EMPOWERED PEOPLE</p>			
	<p>Culture of Excellence</p>	<p>Inspiring Leadership</p>	<p>Exceptional People</p>	<p>Robust Infrastructure</p>
	<ul style="list-style-type: none"> Create a productive, unified, engaging and supportive work environment promoting wellness Embrace the changes required to implement our strategic plan 	<ul style="list-style-type: none"> Embrace innovation Develop an integrated communications plan for internal and external stakeholders 	<ul style="list-style-type: none"> Develop a revitalized organizational structure highlighting faculty and staff position descriptions, accountability and succession planning 	<ul style="list-style-type: none"> Advocate for continued creation and implementation of new technologies in education, research and clinical care
<p>AND USING OUR RESOURCES WISELY,</p>	<p>OUR ENDURING LEGACY - SUSTAINABILITY</p>			
	<p>Efficient, Effective Resourcing</p>	<p>Continuous Performance Management and Improvement</p>	<p>Dynamic Advocacy</p>	
	<ul style="list-style-type: none"> Develop a structured process for new initiatives including resource and sustainability planning Explore donor opportunities 	<ul style="list-style-type: none"> Develop metrics to track, monitor and analyze our performance, opportunities, risks and challenges. Share our performance results with our various stakeholders 	<ul style="list-style-type: none"> Develop key messages and mechanisms to promote the DFM Formalize outreach for engagement of community partners Engage alumni and retirees as mentors 	
<p>WHILE BEING GUIDED BY OUR VALUES.</p>	<p>OUR VALUES</p>			
	<p>Strong, respectful relationships with patients, partners, communities, and each other</p>			
	<p>Advocacy to improve healthcare and medical education</p>			
	<p>A supportive, innovative environment that promotes success for all</p>			
	<p>Integrity and professionalism</p>			
	<p>Leadership across the educational continuum</p>			
	<p>Ethical, impactful research</p>			
<p>Collaboration and interdependent teamwork</p>				
<p>Providing access to rural medical education opportunities</p>				

CONTACT INFORMATION

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Chair's Office

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Fax: 709-864-3349

Academic Offices

Residency Training Program: 709-864-6493
Undergraduate Program: 709-864-6485
Enhanced Skills Program: 709-864-6535
Fax: 709-777-7913

Clinics

Family Medicine Clinic, Janeway Hostel: 709-864-7795
Ross Family Medicine Clinic: 709-777-6301
Shea Heights Community Health Centre: 709-737-3369

Research

Primary Healthcare Research Unit: 709-777-6645
6for6 Program: 709-864-4976
Fax: 709-777-6118

DISCIPLINE OF FAMILY MEDICINE

CHAIR'S OFFICE

CHAIR
MANAGER OF OPERATIONS
SENIOR SECRETARY
SECRETARY

DR. DANIELLE O'KEEFE
NEHA BHUTANI
SHENOA WHITE
VICTORIA WADE

2022-2023 HIGHLIGHTS

Promotions

Congratulations to Drs. Susan Avery and Lyn Power who were promoted to Associate Professor, and to Dr. Yordan Karaivanov who was promoted to Clinical Associate Professor.

Retirements

Dr. David Morgan retired on December 31, 2022.

AWARDS

Congratulations to the following Discipline members on receiving long service awards with Memorial University:

- Dr. Vina Broderick, 30 years
- Dr. Scott Moffatt, 25 years
- Mike Foley, 20 years

Leaders in Rural Medicine

Memorial University's Family Medicine residency program was awarded the Keith award for the 10th time and the Faculty of Medicine was awarded the rural education award for the fifth time. The Keith award is presented to a Canadian post-graduate program which has excelled in producing rural doctors, while the rural education award is given to the medical school program matching the most graduates to rural family medicine residency programs based on the Canadian resident matching service data for the preceding year.

Discipline of Family Medicine Awards

Each year the Discipline of Family Medicine recognizes physician and resident leaders with a number of awards. Congratulations to our 2022-23 award winners!

Dr. Robert Porter

The Dr. Craig Loveys Award: Awarded to a specialist physician in recognition of excellent contribution to the Discipline of Family Medicine residency training program.

DISCIPLINE OF FAMILY MEDICINE

Dr. Sarah Small

The Dr. Yong Kee Jeon Award: Awarded to a Family Physician who holds a part-time faculty appointment with the Discipline of Family Medicine, in honour of Dr. Yong Kee Jeon for his dedication to resident teaching throughout his 25 years of practice in Brookfield, NL.

Dr. David Bradbury-Squires

The Gus Rowe Teaching Award: Awarded to a full-time faculty member or Stream Lead in the Discipline of Family Medicine, in recognition of being an exemplary physician, a laudable teacher who is able to communicate knowledge and skills with sensitivity and humour.

Dr. Abby Robbins

The Walter & Mildred Miller Award: This award is presented annually to a Family Medicine resident who exemplifies the qualities of both mentor and teacher in family practice.

Dr. Megan Snow

The Enid & Roy Williams Award

This award is presented annually to a resident in Memorial's Family Medicine residency training program who has a professional demeanor and genuine passion for care of the elderly. In the instance that there is no suitable candidate from the

Family Medicine residency program, the scholarship may be given to a student in Memorial's Nurse Practitioner program.

Dr. Amy Powell

The Enid and Roy Williams Award: Awarded to a Family Medicine resident who has a professional demeanor and genuine passion for care of the elderly.

Dr. Thomas Ritchie

The Dr. John Ross Award: Awarded to a Family Medicine resident or Nurse Practitioner student who has a genuine interest in practicing in an underserved area

Dr. Abby Robbins

The Thomas Gleason Award for Social Accountability in Research

Dr. Mikaela Murphy

Resident Research Award for Best Oral Presentation

Dr. Madison Lewis

Resident Research Award for Best Poster Presentation

Dr. Daniel Rees

Resident's Choice Award

DISCIPLINE OF FAMILY MEDICINE

OTHER AWARDS AND HIGHLIGHTS

Faculty, residents and staff in the Discipline are recognized nationally for their dedication and leadership. Here are some highlights from the 2022-23 year.

Congratulations to Dr. Kayla Viguers who received the CFPC medical student scholarship award for Memorial University.

Congratulations to Dr. Sarah Small who received the Dr. Ingram Award. The monetary award will be presented annually by the Office of Professional and Educational Development (OPED), Faculty of Medicine to faculty, students, residents or staff members who have demonstrated innovation and scholarship in medical education.

Congratulations to Dr. Chris Patey who received the Community Physician Teaching Award.

Congratulations to Erica Baine, one of our Goose Bay residents who was the featured member in the SRPC June 2022 edition.

Congratulations to David Bradbury-Squires, Stream Lead in Central, who was named the Emergency Physician of the Year for the Emergency Physicians National Group.

Congratulations to our recent resident graduate, Dr. Taylor Anderson who received the Memorial University Family Medicine Resident Award for Scholarly Achievement.

Congratulations to Dr. Amanda Pendergast who had been working on a chapter in a book which has been recently released. The name of the book is Teaching Prenatal Care a Practical Guide.

Congratulations to Dr. Lyn Power who received a Medical Education research fund for her project "Residents as teachers: what best practices prepare Family Medicine residents to support the undergrad learning experiences".

Congratulations to Dr. Chris Patey who was featured in the June 2022 edition of the Canadian Family Physician journal on Family Medicine Growth Rings.



Dr. Wendy Graham accepting The Max House Teaching Award for Excellence from Dr. Margaret Steele, Dean of Medicine, on behalf of Dr. Shabnam Asghari

DISCIPLINE OF FAMILY MEDICINE

RESIDENT HIGHLIGHT - DR. MYFANWY PRICE

What do you appreciate about being a memorial university resident?

Memorial University provides an exceptional residency experience with robust support for residents and a strong emphasis on independence. The program effectively balances educational activities with service-oriented clinical responsibilities. The low resident-to-preceptor ratio ensures ample opportunities for hands-on learning and personalized mentorship. I appreciate the strong collegiality between residents and preceptors which supports development into skilled clinicians and future family physicians.



What do you like most about residency in the eastern stream?

Central Stream is conducted exclusively in rural settings, where there is a strong sense of respect for family medicine across all teaching sites. During off-service rotations, specialist preceptors offer valuable learning experiences that can enhance residents' future scope of practice. The longitudinal family medicine component allows residents to experience continuity of care and develop meaningful patient relationships, which are both fundamental in family medicine. Preceptors support residents' individualized learning needs and help foster skill development across a range of clinical settings. Central Stream provides a strong foundation for independent practice and highlights the significance of rural medicine.

DISCIPLINE OF FAMILY MEDICINE

DISCIPLINE OF FAMILY MEDICINE BY THE NUMBERS

36 full-time faculty members

29 non-academic staff supporting the discipline

512 part-time faculty members

\$5,508,449 research grant funding received

20 affiliated hospital teaching sites (NL, NB, NU)

33 affiliated community practice clinics

31 residents who completed the postgraduate program in 2022

19.5 residents practicing in NL after graduation (5 eastern, 5 central, 5 western, 5 Goose Bay and one resident who splits their time between Nunavut and NL)



EDUCATION

UNDERGRADUATE PROGRAM

DIRECTOR

DR. LYN POWER

CLERKSHIP DIRECTOR

DR. KERRY-LYNN WILLIAMS (acting)

PRECLERKSHIP DIRECTORS

DRS. CHRISTINE AUBREY BASSLER & MEGHAN GREENE (acting)

FMIG LIAISON

DR. CHRIS PATEY

ACADEMIC PROGRAM ASSISTANT

KIMBERLEY PARSONS (ENHANCED SKILLS)

ACADEMIC PROGRAM ASSISTANT

SARAH EUSTACE

IMPROVING LIVES

From reviewing essays from The Early Clinical Experience and workbooks from both the Community Visit and Black Bag it is clear that our learners have had significant exposure to working in different practices, collaboration with allied health and community partners as well as learning about cultural and medical issues unique to the our communities. These exposures have helped promote both the Discipline of Family Medicine and the Faculty of Medicine in these communities.

Numerous research projects were completed by both student and faculty in the Discipline of Family Medicine. Many of these projects have been presented at local, national and international conferences.

EXCELLENCE IN ALL WE DO

With all our clinical rotations we receive feedback and based on these evaluations our Undergraduate Executive Committee meets regularly to review and modify the courses we offer.

Our Early Clinical Experience has had great feedback. Based on the suggestions made by the learners we have made changes, such as matching with different faculty each session and offering more days of the week as options.

The Black Bag and Community Visit each have great feedback. Following the rotations a debrief is held to gather feedback and suggestions from the learners. Preceptors are given the opportunity to provide feedback, as well. These debriefing sessions help to identify any issues such as gaps in experiences, housing issues, etc., but also to highlight positives. Students give positive feedback about being given this opportunity.

By providing our learners with these robust opportunities, most in rural and often remote communities, we are not only providing excellence in education but also fulfilling our social accountability mandate.

EMPOWERED PEOPLE

Since April 2018 we have started the Early Clinical Experience sessions on Tuesdays in year one. Students were given the opportunity to switch to Tuesday instead of Wednesday (if they were comfortable switching their protected time). This allowed us to recruit more preceptors/faculty members and as well helped to not over work the faculty who had committed to Wednesdays. Giving more options helped us empower both students and faculty.

Providing learners with the best learning opportunities and giving both the learner and the preceptor more options has allowed us to create a culture of teamwork. In addition, these undergraduate (UG) learners are often placed in academic settings where residents teach them. This helps empower our residents to become teachers and creates a culture of multilevel learning.

Within the UG program our leadership team consists of Dr Lyn Power, Undergraduate Director. Dr. Power is co-chair of CUFMED, faculty representative on the Section of Medical Students CFPC, and Eastern Health's Rural Clinical Chief for the Burin Peninsula. Dr. Chris Patey is responsible for Selective/ Electives & Family Medicine Interest Group (FMIG) and is Clinical Chief in Carbonear ER. He also runs a rural research program. Dr. Christine Aubrey Bassler co-chairs the pre-clerkship rotations with Dr. Meghan Greene (acting).

ENDURING LEGACY

The Discipline of Family Medicine, under the guidance of Dr. Vina Broderick, is working with the curriculum lead, Dr. Alison Haynes, to try to have more lectures by Family Medicine in the first and second year curriculum, as well as trying to recruit more family physicians to Integrated Learning Sessions (ILS).

As a Discipline, Family Medicine has gathered data on our faculty to assess each members' hours and contributions to the curriculum delivery, such as ILS, lectures, clinical skills, OSCE, academic half day, etc. Based on these numbers planning is ongoing to assess how much manpower we have to contribute further in the curriculum and where best to utilize these hours.

As part of the yearly faculty review staff demonstrate areas of excellence and contributions as well as areas to improve. Goals and expectations are reviewed on a regular basis.

GOING FORWARD

PILLARS: IMPROVING LIVES, EXCELLENCE IN ALL WE DO

Priority #1: Promote and deliver generalism in the curriculum.

Having more generalists involved in delivery of curriculum (lectures, ILS, etc.) will increase students exposure to generalism and potentially lead to more students choosing generalist careers.

PILLARS: IMPROVING LIVES, EXCELLENCE IN ALL WE DO, ENDURING LEGACY

Priority #2: Working with UGME towards the development of a longitudinal integrated clerkship (LIC) expansion plan for Newfoundland & Labrador.

Memorial currently has LIC rotations in New Brunswick. Work is beginning to start the development of LICs in rural sites in NL. A business plan and proposal to government will be completed and potentially proposal to CACMS if alternate training options are being considered.

PILLARS: EXCELLENCE IN ALL WE DO, ENDURING ELGACY

Priority #3: Utilization of Canadian produced Peer Reviewed educational materials as part of Clerkship teaching tools.

Discipline of Family Medicine faculty members are part of LEARN-FM, a group of FM Undergraduate leaders producing peer reviewed educational materials. These documents cover the FM Clerkship learning objectives. The University of Calgary has developed an educational tool utilizing these dynamic cases based materials and is partnering with Memorial in providing access to these tools to our learners. University of Calgary staff will help us track our learners' progress with these cases and report back to the FM UG team. This will not only be cost saving but more importantly will provide our learners with Canadian based peer reviewed educational content mapped to the Clerkship learning objectives.

PILLARS: EMPOWERED PEOPLE

Priority #4: With changing roles/staff within the UG department in Family Medicine measures will be put into place to ensure a smooth transition of people into these roles.

Within the Discipline there have been many changes, especially in the support staff. Efforts are in place to ensure staff are supported in their roles and empowered to be effective team players. Fostering a culture of teamwork with clear roles and expectations is key to success.



With the current healthcare crisis in our province and country, along with alarmingly high rates of residents without a family doctor, this is a critical time to recruit and retain family physicians. The Family Medicine Interest Group (FMIG) at Memorial aims to promote family medicine and showcase the diversity of practice that is possible within Newfoundland and Labrador. This task has been a rewarding one, as students continue to be interested and engaged throughout all events and interactions with family physicians.

This year, all of our events were delivered either in-person or via a hybrid model with the additional opportunity to participate online. Our well-known Fridays with Family events continued with presentations on Emergency Medicine Enhanced Skills, the Family Practice Renewal Program, and Care of Underserved Populations. Students continue to enjoy these events as they allow direct communication with family physicians and give us the opportunity to ask questions we may otherwise not have the chance to. We also introduced a new interactive panel event this year that included family physicians from various areas of practice across the province. This allowed students to ask questions and receive answers from varying perspectives. The event was well attended and very well received. We plan to make this at least a yearly event if not more frequent with the aim of covering a host of different family medicine related topics.

Our annual family medicine information night was held in December. This event brings together family physicians from various areas of practice in an informal setting that allows for relaxed small-group question and answer sessions along with conversations about all aspects of practice and work-life balance. We would like to extend our thanks to Dr. Parsons, Dr. Duggan, Dr. Xie, Dr. Foster, Dr. MacDonald, Dr. Mercer and Dr. Guigné for giving us their time and for the enthusiasm they share for family medicine. This is an important networking opportunity for medical students and one that we look forward to yearly.

This year also brought new opportunities in the form of conferences. Rebecca, Jasmine and Amanda attended the NL CFPC conference at Humber Valley Resort in October as representatives of our interest group along with a group of general student attendees. We were also invited to the CFPC conference in Toronto in November as members of the section of medical students which Jasmine and Rebecca attended. Both conferences provided valuable information and insight about the future of family medicine and residency that we shared with other FMIG members and the general student body upon return. We are grateful for the support of the CFPC on both the provincial and national levels that allow us to have these opportunities.

To close out the year we are planning a walk in May that will incorporate some wilderness medicine and emergency preparedness along with more interaction between students and physicians. We look forward to this event (along with the warmer weather) that will enable us the opportunity to continue to engage students in yet another format.

EDUCATION

RESIDENCY TRAINING (POSTGRADUATE) PROGRAM

PROGRAM DIRECTOR

DR. RUSSELL DAWE

ASSISTANT PROGRAM DIRECTOR

DR. AMANDA TZENOV

DR. SUSAN AVERY (to September 2022)

ACADEMIC PROGRAM ADMINISTRATOR

DAWN CORBETT

ACADEMIC PROGRAM ASSISTANT

VAL HUNT

(EVALUATIONS & LEAVES)

SECRETARY (CURRICULUM)

JACQUELINE RYAN

SECRETARY

KRISTEN PIERCEY

FAMILY MEDICINE RESIDENCY TRAINING PROGRAM

The Family Medicine Residency Training Program at Memorial trains residents for urban, rural and remote practice. Over the two-year residency, residents train in a variety of sites throughout our five training streams (Eastern, Central, Western, Goose Bay, and Nunavut). Thirty-five new residents were welcomed to the program on July 1, 2022.

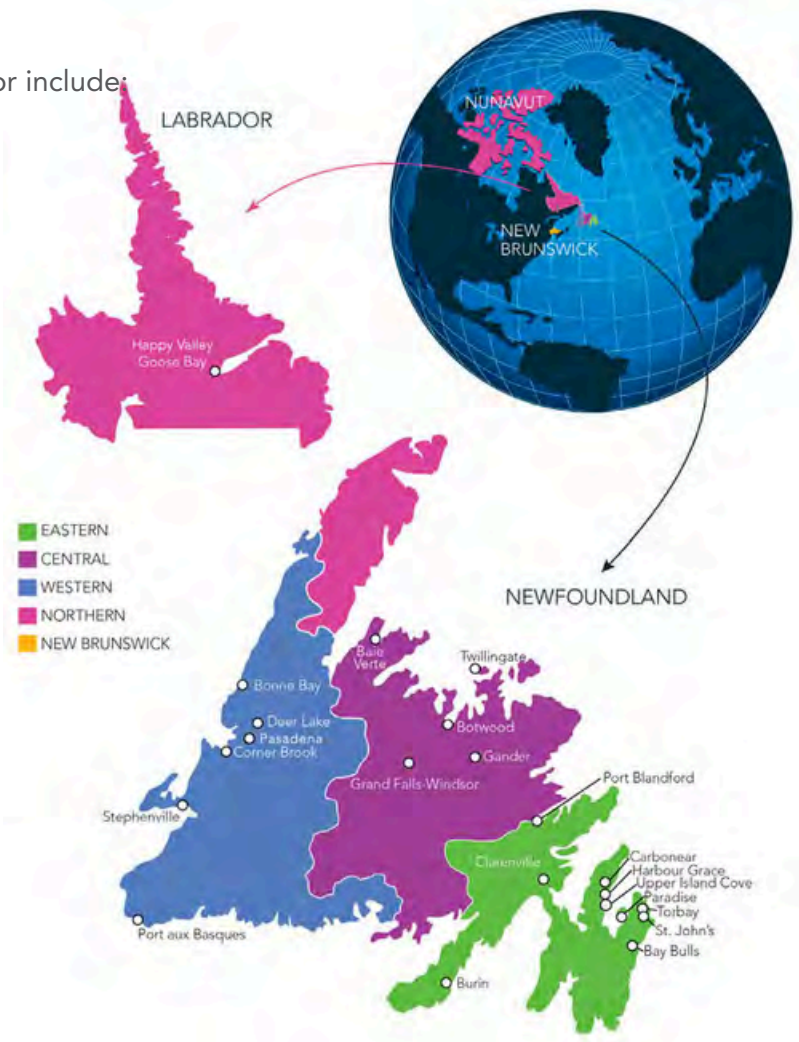
Training sites across Newfoundland and Labrador include:

St. John's and surrounding areas:

- Airport Heights Medical Clinic
- Bay Bulls Family Practice
- Eleven Elizabeth Avenue
- Health Sciences Centre (HSC)
- Family Medicine Clinic, HSC
- Janeway Child Health Centre
- L. A. Miller Centre
- Major's Path Family Practice
- Riverdale Medical Clinic, Kelligrews
- Ross Family Medicine Clinic
- Torbay Medical Clinic
- Shea Heights Community Health Centre
- St. Clare's Mercy Hospital
- Waterford Hospital

Rural:

- Bay Roberts
- Bonne Bay
- Botwood
- Burin
- Carbonear
- Clarenville
- Corner Brook
- Deer Lake
- Gander
- Happy Valley - Goose Bay
- Grand Falls-Winsor
- Harbour Grace
- Pasadena
- Port aux Basques
- Port Blandford
- Stephenville
- Twillingate
- Upper Island Cove



Our New Brunswick and Nunavut training sites include:

- Fredericton, New Brunswick
- Saint John, New Brunswick
- Iqaluit, Nunavut (including visits to satellite communities)

EDUCATION



Staff represent the program annually at the Family Medicine Forum (FMF) and the Society for Rural Physicians Canada (SRPC) Rural and Remote conference.



INTERNAL ACCREDITATION REVIEW

Thanks to all who participated in our Internal Review on November 28-30, 2022. This was a successful event and the Review Team was impressed with our engaged faculty, staff and learners! We will be reviewing their recommendations to prepare for External Review in 2024.

EDUCATION

EASTERN (EASTFAM) STREAM

STREAM LEAD

ACADEMIC PROGRAM ADMINISTRATOR

ACADEMIC PROGRAM ADMINISTRATOR

CURRICULUM COORDINATOR

AEP COORDINATOR

EBM/RESEARCH COORDINATOR

FACULTY DEVELOPMENT COORDINATOR

DR. SONNY COLLIS

JACKIE FEWER

CASSANDRA INGRAM

DR. LISA KIELEY

DR. STACEY SAUNDERS

DR. RENELLE BUTT

DR. REBECCA POWELL

The Eastern Stream 2022-2023 academic year has been a successful one, having the effects of COVID-19 Pandemic behind us definitely brings a lot of positivity.

Firstly, the CaRMS process was delivered virtually and we matched fully for the upcoming academic year.

Secondly, we hosted an academic and wellness resident workshop in Clarenville on September 9-11, 2022. It was a highlight for our second-year residents and the new incoming residents. Our Academic and Wellness Resident Workshop was a great success!

Our longitudinal second year experiences were quite popular, and we have committed to provide longitudinal experiences in family medicine in PGY2. This year we had Burin, Clarenville and Conception Bay North have longitudinal residents. All areas were a success!

Lastly, the Eastern Stream Cabinet is now at full capacity and will continue to work diligently to offer new learning and teaching opportunities.

Five of the eleven residents who trained in the area are staying to practice and/or locum within the Eastern Stream. Five of the eleven will practice and/or locum outside of NL and one of the eleven will practice and/or locum outside of the country.



EDUCATION

CENTRAL (CENFAM) STREAM

STREAM LEAD
ACADEMIC PROGRAM ADMINISTRATOR
ACADEMIC PROGRAM ADMINISTRATOR
CURRICULUM COORDINATOR
AEP COORDINATOR
EBM/RESEARCH COORDINATOR
FACULTY DEVELOPMENT COORDINATOR

DR. DAVID BRADBURY-SQUIRES
SHERRI CHIPPETT
GAIL DIAMOND
DR. RAIE LENE KIRBY
DR. CHRISTY NOFTALL
DR. JENNIFER STUCKLESS
VACANT

This past academic year was an eventful one in the CenFam Stream. The year started off “hot” with a crisis surrounding the forest fires in Grand Falls-Windsor as the hospital (and nearly the community) was evacuated. Due to an amazing display of collaboration between the Central and Western Streams and their preceptors, no residents had to be displaced and medical education continued on as normal. Thankfully, the fires regressed and after a scare, all involved learned valuable lessons in disaster planning and resiliency.

Our stream saw new places and new faces come about this year. Our Cabinet welcomed Dr. Jennifer Stuckless to the Evidence Based Medicine (EBM) Coordinator position and said goodbye to Dr. Jared Butler who occupied the Faculty Development Coordinator position for many years. Through preceptor locums, two of our residents received exposure to two of our more rural sites (Fogo and Harbour Breton) that have not had residents in them for many years. Our learners were welcomed by the hospitals and the community and acquired further valuable experience in rural family medicine.

Our stream also saw several new initiatives this year. The implementation of “flex days” into our longitudinal PGY2’s schedule allowed for self-directed clinical learning, enhancing the longitudinal and broad scope nature of our program. A change in our OB/GYN call scheduling allowed for more opportunities for layered learning with our clinical clerks. Dr. David Bradbury-Squires continued to refine the exam-specific virtual teaching sessions (“ER Rounds”) targeted to our PGY2’s for their exam preparation. Finally, a virtual preceptors’ meeting gave our preceptors an opportunity to connect, provide feedback, and network. Photo credit: Dr. Russell Dawe



EDUCATION

Our resident workshops in Botwood and Gander were hits! In Botwood, we completed sessions on casting and physician wellness, while in Gander we had guest presentations from Drs. Brandon Cross and David Carroll on Emergency Medicine and Internal Medicine. Dr. Chris Dicks hosted an awesome overnight retreat in Gander, with many winter activities including snowmobiling, snowshoeing, ice fishing, and even a polar dip! We continued to develop partnerships with our local towns, Family Practice Network (Shalloway), and Provincial Health Authority. These partnerships have allowed for residents to gain enhanced experiences in rural and remote training. Furthermore, our partnerships have allowed our residents and faculty to participate in many events aimed at recruitment and retention of our residents.

Behavioural Medicine curriculum has continued to be delivered virtually by local faculty and allied health care providers. Our residents also continue to participate in Academic Half Day. Evidence Based Medicine curriculum has been delivered to the first-year residents during their Family Medicine rotations.

Of our six graduates for this year, two will be practicing full-time in our region, and three will be dividing their time between the Central and Eastern regions. One will be completing an Enhanced Skills program in Emergency Medicine at Memorial, and they intend to return to practice in Central. This represents an outstanding recruitment rate for our region!



Photo credit: Dr. Russell Dawe

EDUCATION

WESTERN (WESTFAM) STREAM

STREAM LEAD

ACADEMIC PROGRAM ADMINISTRATOR
ACADEMIC PROGRAM ADMINISTRATOR
ACADEMIC PROGRAM ADMINISTRATOR
CURRICULUM COORDINATOR
AEP COORDINATOR
EBM/RESEARCH COORDINATOR
FACULTY DEVELOPMENT COORDINATOR

DR. ERIN SMALLWOOD
RENEE COUGHLIN
LAVINIA CHIN
HOLLY MUNDEN
DR. JESSE CHURCH
DR. SHANDA SLIPP
DR. LORENA POWER
DR. AMY PIEROWAY

We welcomed six new residents this year - five who were Memorial medical school graduates and one from another medical school in Canada. Our residents have enjoyed getting to know one another and have formed a tight-knit group.

We held two academic workshops, both in the fall and spring. These workshops were well received and provided opportunities for an ENT specialist to provide a session on nasal fractures and epistaxis. Also, there were sessions on wound care, HRT and pelvic health, ocular exams, and SIMs. Also, our residents took part in an Indigenous health care session and smudging ceremony with local Indigenous leaders.

At the end of this academic year, four of our graduates remained on the West Coast, providing locum coverage and full-time work. One moved on to Memorial's Emergency Medicine Enhanced Skills program.

Five residents who trained in the area indicated they intend to practice in rural NL, while one moved on to an enhanced skills program at Memorial.



EDUCATION

GOOSEBAY (NORFAM) STREAM

STREAM LEAD
ADMINISTRATIVE OFFICER
ACADEMIC PROGRAM ADMINISTRATOR
CURRICULUM COORDINATOR
AEP COORDINATOR
EBM/RESEARCH COORDINATOR
FACULTY DEVELOPMENT COORDINATOR

DR. ROBERT FORSEY
TIFFANY DORMODY
KYLA BATTCOCK
DR. SAMANTHA HARPER
DR. PAUL CROCKER
DR. YORDAN KARAIVANOV
DR. CHARLENE FITZGERALD

This CFPC award winning NorFam teaching unit continues to train six PGY1 and six PGY2 residents yearly. We accepted PGY3 residents from Enhanced Skills programs (Care of Underserved Populations) this past year as well. Prior to the pandemic we have accepted upwards of 50 medical students for electives each year. We are a teaching site with Memorial's Enhanced Skills (Emergency Medicine) program and accept these residents for 4 week rural / remote EM training blocks. Care of Underserved Populations (CUP) residents train in one of our satellite clinics for 4-month blocks on the Innu reservation in Sheshatshiu. We also accept residents from CFPC & Royal College programs across Canada for electives in rural remote medicine.



Medical learners enjoy a truly longitudinal Triple C training program in Labrador covering palliative care, orthopedics, surgery, pediatrics, care of the elderly, emergency medicine and family medicine - in a rural remote site staffed by 13 family physicians and 5 consultants (obstetrics and gynecology, surgery, anesthesia, psychiatry and pediatrics). Practice in Goose Bay truly follows the shared care model.

Training is centered in Family Medicine and all the family physicians practice full scope generalist medicine which includes intrapartum obstetrics and inpatient care. Residents spend 32 weeks of their PGY1 year and 44 weeks of their PGY2 year in Labrador and care for their patients at the Labrador Health Center's out-patient department and in-patient ward. They also drive or fly to the various Indigenous communities that are located inland and on the coast of Labrador. There is an active research program and monthly faculty development sessions. Residents participate in a yearly medevac course and join in a variety of "on the land" community experiences (Innu Fall Gathering, Winter Camping). Residents participate in monthly high-fidelity simulations, as well as Pediatric Advanced Life Support (PALS), Neonatal Resuscitation Program (NRP), Learning Essentials Approaches to Palliative and End of Life Care (LEAP) and Advanced Cardiac Life Support (ACLS) with local instructors. There is ongoing faculty development, research, and we have an excellent working relationship with our Indigenous partners.

Four of the six graduates signed contracts to do full time family medicine in Labrador, and one other has been in Labrador for a prolonged locum.

EDUCATION

NUNAVUT (NUNAFAM)

STREAM LEAD

DR. PATRICK FOUCAULT (to January 2023)
DR. MERIDITH PENNER (from February 2023)

RESIDENT PROGRAM COORDINATOR
ACADEMIC PROGRAM ASSISTANT

REBECCA IRWIN
ELIZABETH GAUCI (from May 1, 2023)

It was another busy year for the NunaFam Stream and a year of transition. Systems started to normalize as we got used to the ebb and flow of the COVID-19 pandemic. We transitioned to a new Stream Lead in the spring. With all of this, our residents were able to fully travel and visit communities in Nunavut to experience the culture and unique medical setting in them. They were involved in our interprofessional rounds, which grew to also include virtual participants – giving more depth including those working in communities and giving other opportunities for remote presenters. Emergency and obstetric shifts and rounds continued to be good experiences and learning opportunities, along with family medicine clinic.

As the SOOs were brought back in after their pause due to COVID-19, we experienced some challenges with the travel needed to sit the two exams that are now scheduled farther apart. This caused our spring Nunavut residents to lose more of their rotation than we would have liked, and we continue to work with the College of Family Physicians of Canada on how to manage this without losing key learning time.

This was the first year that NunaFam had 6 residents in the year. These 6 first year residents joined with the Eastern Stream for their PGY1 year, and we started making more connections with them to bring them into the whole NunaFam Stream earlier. It was nice to run into some of them at the SRPC Rural & Remote conference in Niagara Falls and share some of the excitement. We got some good feedback and have continued to improve our orientation for their time in Nunavut.

We have gotten good feedback from our residents this year on their learning experiences. Our staff enjoyed working with them and we feel they provided good care during this learning to Nunavummiut, being excellent medically and culturally sensitive.

One of the four residents who trained in the area has signed on permanently in Iqaluit/Nunavut. Two of the residents will practice elsewhere in Canada. One resident will pursue Memorial's Emergency Medicine Enhanced Skills Program.



EDUCATION

ENHANCED SKILLS TRAINING PROGRAMS

PROGRAM DIRECTOR, ENHANCED SKILLS
& PROGRAM DIRECTOR, EMERGENCY MEDICINE
PROGRAM DIRECTOR, CARE OF THE ELDERLY
PROGRAM DIRECTOR, CARE OF
UNDERSERVED POPULATIONS
ACADEMIC PROGRAM ASSISTANT

DR. PETER ROGERS

DR. SUSAN MERCER

DR. FRANÇOISE GUIGNÉ

KIMBERLY PARSONS

EMERGENCY MEDICINE (FM-EM)

The EM Enhanced Skills program continues to be a successful adjunct to the core Family Medicine Program; it has been training residents since 2003. Each year, up to six residents are matched through a competitive CaRMS process for a July 1 start. The EM residents and faculty contribute to both clinical and formal teaching of the residents. In addition to St. John's, rotations are held in Grand Falls-Windsor and Goose Bay. Highlights of the program include regular high-fidelity simulation, a procedural swine lab and a cadaver lab. A total of five residents completed the program this year. Of these five, three continue to work in St. John's, one is practicing in Dartmouth, NS, and the other plans to return to Corner Brook after a locum in Toronto.

CARE OF ELDERLY (COE)

The COE Enhanced Skills program began in 2016-2017 in efforts to be more socially accountable to this rapidly expanding portion of our population and to ensure that our residents had additional skills in COE should they wish to focus a part of their practice on caring for older adults. As of fall 2020, residents match to our program through CaRMS. In the 2022-2023 academic year we had one resident graduate from the first iteration of our 12-month curriculum who currently works with the program. We continue to have 100% retention of COE graduates working in NL. We are approved for two residency training positions in the 2023-2024 academic year. Expansion of the COE program will help to achieve some of the calls to action for the aging population from the Government of Newfoundland and Labrador's Health Accord.

CARE OF UNDERSERVED POPULATIONS (CUP)

Our program's commitment to social accountability includes the CUP Enhanced Skills program, which provides interested residents who have relevant career goals with the opportunity to gain additional skills in the care of our underserved patient populations, both locally, through inner-city (St. John's) and Indigenous rotations (Labrador), and abroad. The CUP Enhanced Skills program commenced on July 1, 2017. The mission of this program is to educate family physicians to provide and lead innovation in evidence-informed, patient-centred care that addresses the social determinants of health, to advocate for health equity in their communities, and to build health care system capacity at home and abroad. Graduates continue to advance their clinical practices and provide primary care with a health equity lens. In June 2023 Dr. Thomas Ritche completed the CUP program and went on to practice at the Mani Ashini Clinic, Sheshatshiu Labrador.

CLINICAL SERVICES

CLINICAL MANAGEMENT COMMITTEE

CLINICAL MEDICAL DIRECTOR
& ROSS CLINIC UNIT DIRECTOR

DR. MICHELLE LEVY

FAMILY MEDICINE CLINIC UNIT DIRECTOR
SHEA HEIGHTS CLINIC UNIT DIRECTOR
& FAMILY CENTRED MATERNITY CARE LEAD

DR. CHRISTINE AUBREY-BASSLER
DR. SUSAN AVERY

CLINIC ADMINISTRATOR
EMR SPECIALIST

FAITH FLYNN
MIKE FOLEY

OUR PEOPLE

Each of our clinical teams is made up of a group of physicians, administrative staff, pharmacists and nurses.

Family Medicine Clinic Team 1	Family Medicine Clinic Team 1	Ross Family Medicine Clinic	Shea Heights Community Health Centre
Dr. Scott Moffatt Dr. Christine Aubrey-Bassler Dr. Vina Broderick Dr. Heather Flynn Dr. Petra Joller Dr. Danielle O'Keefe Dr. Gerard Farrell Karina Arnold Stephanie Jacobs Jessica Mahon Agnes Whelan Taylor Payne	Dr. Kris Aubrey-Bassler Dr. Jessica Bishop Dr. Russell Dawe Dr. Françoise Guigné Dr. Ean Parsons Dr. Pamela Snow Dr. Elaine Xie Erin Davis Cathy Trickett-Lockyer Kristen Parrott Jeanine Janes	Dr. Michelle Levy Dr. Meghan Greene Dr. Joel Koops Dr. Aaron McKim Dr. Amanda Tzenov Dr. Holly Davies Stephen Coombs Denise Cahill Sandra Mayne Juanita Peach Ruth Dixon Dana Rowe	Dr. Susan Avery Dr. Stephen Darcy Dr. Norah Duggan Dr. Amanda Pendergast Lisa Bishop Rhonda Hooper Shelly Yetman

HIGHLIGHTS

Similar to the other academic teaching practice sites in the Discipline of Family Medicine, the primary role of the academic Family Medicine Clinical sites in St. John's is to provide excellent medical care to patients while continuing to teach Family Medicine Residents and other learners.

All three Family Medicine sites are committed to accommodating both elective and selective learners, as well as Black Bag learners throughout the academic year. These experiences are an invaluable opportunity for our future health care providers.

Through-out the academic year of 2022-2023 an Advanced Foot Care Program was introduced at the Family Medicine Clinic (HSC) as a complimentary service to patients of three of the Family Medicine clinics. This program allows us to offer a specialized foot care program that aims to help patients take control of their foot health, improve mobility and prevent foot-related complications.

CLINICAL SERVICES

Recognizing the importance of patient health as well as staff health, Automated External Defibrillators (AEDs) have been purchased and placed in each clinic. A “Safe Workplace Plan” was developed and implemented at the Shea Heights clinic which involved the clinic lead and external partners to assist with both patient and staff safety.

In January of 2023, changes were made to the After-Hours Family Medicine On-Call Program based on feedback from faculty, residents and statistics of usage of the program. The hours were adjusted based on peak times of need which have been of benefit to all.

Recognizing the ever-changing patient culture and access to health care, Family Medicine has focused on improving and streamlining policies such as prescription refills as well as an increased focus on missed appointments or “no-shows”. We continue to monitor and try to lessen the number of missed appointments through patient education and reviewing internal processes.



WELLNESS

WELLNESS LEAD & COMMITTEE CHAIR
COMMITTEE SECRETARY

COMMITTEE MEMBERS

DR. HEATHER FLYNN
JEANINE JANES
KIMBERLY PARSONS (acting)
DR. JOEL KOOPS
DR. AMANDA PENDERGAST
DR. MIKAELA MURPHY
DR. MEGHAN GREENE
AGNES WHELAN
SHENOA WHITE
NEHA BHUTANI

The Discipline of Family Medicine Wellness Committee was created in 2021 for the purpose of providing information and building awareness about Discipline, faculty and university wellness activities and strategies. Committee membership includes representation from Family Medicine faculty, staff and residents. It is the committee's mandate to encourage participation in and promotion of wellness activities and strategies within the Discipline. To date, the committee has organized several wellness events ranging from a summer picnic to a trivia event. As the committee's mandate continues to grow we look forward to increasing our presence within the Discipline of Family Medicine.



RESEARCH

PRIMARY HEALTHCARE RESEARCH UNIT (PHRU)

RESEARCH DIRECTOR	DR. KRIS AUBREY-BASSLER
DIRECTOR, CENTRE FOR RURAL HEALTH STUDIES (CRHS)	DR. SHABNAM ASGHARI
ASSOCIATE PROFESSOR	DR. AMANDA HALL
INTERMEDIATE SECRETARY	STEPH O'KEEFE

RESEARCH ASSISTANT III	DR. DANA HOWSE
RESEARCH ASSISTANT III	ANDREA PIKE
RESEARCH ASSISTANT II	FILIP POTEMPSKI
RESEARCH ASSISTANT II	FAZLE SHARIOR
RESEARCH ASSISTANT II	MARIA SALEEB
RESEARCH COORDINATOR (CRHS)	OLIVER HURLEY
RESEARCH COORDINATOR (RURAL360)	ALI MODIR-ROUSTA
RESEARCH ASSOCIATE (SURGEON)	DR. HENSLEY MARIATHAS
RURAL 360 RESEARCH COORDINATOR	ALI MODIR ROUSTA

6FOR6 PROGRAM
6FOR6 FACULTY LEADS

DR. SHABNAM ASGHARI, DR. WENDY GRAHAM
DR. CHERI BETHUNE

6FOR6 PROJECT COORDINATOR
6FOR6 SECRETARY

ALEXANDRIA TOBIN
LISA GOULET

The Primary Healthcare Research Unit (PHRU) functions as the research arm of the Discipline of Family Medicine. Our mandate is to conduct research and evaluation relevant to primary care and family medicine and build capacity in these areas within the MUN Faculty of Medicine and the province. For 2021-22, the Association of Faculties of Medicine of Canada reported that MUN led the country in terms of the proportion of total Faculty of Medicine research revenue secured by Family Medicine researchers.

CENTRE FOR RURAL HEALTH STUDIES (CRHS)

The Centre for Rural Health Studies works to improve rural healthcare through research, education, and community-driven solutions. During 2022-2023, the CRHS continued to support significant advancements in rural healthcare through the 6for6 and Rural360 programs, led by Dr. Shabnam Asghari and her team.

RESEARCH



Centre for Rural Health Studies Team Picture – September 2022

Front: Anna Walsh, Dr. Christina Young, Dr. Shabnam Asghari, Lisa Goulet, Alexandria Tobin
Back: Dr. Raja Manzar Abbas, Andrew Graham, Oliver Hurley, Alison MacDonald, Hayley Baker, Jennifer Bent, Noah Williams, Bahareh Ahmazadeh, Dr. Hensley Mariathas.
Missing: Dr. Nahid Rahimpour Anaraki, Dr. Cheri Bethune, Dr. Wendy Graham, Dr. Ali Modir Roust, Meghraj Mukhopadhyay, Tasbeeh Aly, Shannon Aylward

6FOR6 PROGRAM

The 6for6 program is a research and evaluation capacity development program designed for rural researchers. During 2022-2023, the 6for6 program welcomed its 7th cohort of three rural physicians. For the first time, the 6for6 program welcomed an international participant from Jumla, Nepal. In addition, the 6for6 team published an article in BMC Primary Care detailing the program's switch to virtual and hybrid options and the impact on participants development of research competencies. The 6for6 team also presented 3 workshops, 7 presentations, and 2 posters at various national and international conferences including AMEE, FMF, NAPCRG, and SRPC.

RURAL360 PROGRAM

Building upon the success of 6for6, the Rural360 project provides ongoing support and resources for rural and remote doctors to continue their research projects. In 2022, Rural360 received \$300,000 from the International Grenfell Association to continue this important work in Northern Newfoundland and Coastal Labrador.

6for6 Team Picture - 2022

Andrew Graham, Alexandria Tobin, Lisa Goulet,
Dr. Shabnam Asghari, Dr. Cheri Bethune, Dr.
Wendy Graham, Dr. Ali Modir Roust



RESEARCH HIGHLIGHTS

- Dr. Amy Pieroway assisted in developing and delivering Frailty 3 and 4, two module-based CME programs offered through the Family Practice Renewal Program.
- Dr. Amy Pieroway assisted in developing and delivering a module-based program about gender affirmative primary care through the FPRP. The first module was presented October 23 and November 29, 2023, entitled Gender Diversity in Primary Care.
- Guigné, F. Video Documentary. (2023, March 8). "There's Everything in Nutshimit" Produced by Dr. Françoise Guigné. Co-directed and edited by Dr. Elder Elizabeth Penashue and Dr. Françoise Guigné. Videography M. Ritche Perez. This is the first video in the series done in partnership through MUN Office of Professional Education and Development: "Healing Talks and Medicine Walks: Video Documentaries for Medical Learners about Indigenous Ways of Knowing about Health and Illness".
- Dr. Shabnam Asghari was awarded the "Max House Teaching Award".
- PhD student Aswathy Geetha Manukumar was awarded the following: Clinical Epidemiology Program Prize - High Academic Average and the Faculty of Medicine Dean's Fellowship for the 2023 academic year, and the NL SUPPORT Educational Funding for Spring 2023.
- SurgeCon Team & Patient Research Partners: Patient and Clinician Engagement (PaCE) Approved Award at NAPCRG Conference 2022 (Workshop led by Anna Walsh & Dr. Shabnam Asghari).
- Dr. Lydia Hatcher is the physician lead for the Pilot Project: "Pain Management Education Program for Veterans", Centre of Excellence in Pain Management Veterans Affairs, Fit for Work, NL, McMaster University (2022).
- Dr. Christine Aubrey-Bassler acted as Case Rater with local investigator A Haynes, PI N, and also as Abstract Reviewer at the North American Refugee Health Conference, 21 Mar 2023.
- In 2023, Dr. Christine Aubrey-Bassler participated in the Health surveillance of community-dwelling, person-living-with-dementia (PLWD) and caregiver dyads
- Dr. Christine Aubrey-Bassler received the MRF Cox Award of \$35,000 due to her role as Co-Investigator at "The MUN Med Gateway Project: Evaluation of effectiveness of a service learning strategy for teaching cultural humility" for the years of 2019-2022.

See Appendices A and B for a list of the 2022-23 publications, presentations, and grants.

ACKNOWLEDGEMENTS

We want to thank all the people we have worked with and who have supported us to make it another successful year. We appreciate our academic, community-based and rural faculty for their dedication to teaching, and all of our faculty and staff who work diligently throughout the year to make the teaching programs successful. We thank faculty and staff from the Office of Distributed Medical Education for providing direct support to our programs. We greatly appreciate the expertise and support received from the Faculty of Medicine's Dean's Office, Human Resources Office, Finance Office, Communications Office, Faculty Affairs, Undergraduate Medical Education (UGME), Postgraduate Medical Education (PGME), Research and Graduate Studies, and HSIMS. A special thanks to Jennifer Armstrong in HSIMS for assisting with the design of this report. Thank you from the Discipline of Family Medicine!



Thank you!

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

Publications (Peer reviewed):

1. H. Etchegary, A. Pike, R. Puddester, K. Watkins, M. Warren, V. Francis, M. Woods, J. Green, S. Savas, M. Seal, Z. Gao, S. Avery, F. Curtis, J. McGrath, D. MacDonald, T.N. Burry, L. Dawson Faculty of Medicine, MUN. Cancer prevention in cancer predisposition syndromes: A protocol for testing the feasibility of building a hereditary cancer research registry and nurse navigator follow up model, PLoS ONE, 17(2). (2022, December). DOI: <https://doi.org/10.1371/journal.pone.0279317>
2. Burse K, Hall A, Pike A, Etchegary H, Aubrey-Bassler K, Patey AM, Romme K. Physician-reported barriers to using evidence-based antibiotic prescription guidelines in primary care: protocol for a systematic review and synthesis of qualitative studies using the Theoretical Domains Framework. *BMJ Open*. 2022 Nov 1;12(11): e066681. DOI: 10.1136/bmjopen-2022-066681. PMID: 36319054; PMCID: PMC9628688.
3. Hall A, Pike A, Patey A, Mortazhejri S, Inwood S, Ruzycki S, Kirkham K, Mahoney K, Grimshaw J. Barriers to reducing preoperative testing for low-risk surgical procedures: A qualitative assessment guided by the Theoretical Domains Framework. *PLoS One*. 2022 Dec 8;17(12): e0278549. DOI: 10.1371/journal.pone.0278549. PMID: 36480568; PMCID: PMC9731462.
4. Furlong B, Etchegary H, Aubrey-Bassler K, Swab M, Pike A, Hall A. Patient education materials for non-specific low back pain and sciatica: A systematic review and meta-analysis. *PLoS One*. 2022 Oct 12;17(10): e0274527. DOI: 10.1371/journal.pone.0274527. PMID: 36223377; PMCID: PMC9555681.
5. To D, De Carvalho D, Pike A, Lawrence R, Etchegary H, Patey AM, Toomey E, Hall A. A qualitative study exploring perceived barriers and enablers to fidelity of training and delivery for an intervention to reduce non-indicated imaging for low back pain. *Chiropr Man Therap*. 2023 Jan 31;31(1):6. DOI: 10.1186/s12998-023-00480-6. PMID: 36721165; PMCID: PMC9890790.
6. Furlong KR, O'Donnell K, Farrell A, Mercer S, Norman P, Parsons M, Patey C. Older Adults, the "Social Admission," and Nonspecific Complaints in the Emergency Department: Protocol for a Scoping Review. *JMIR Research Protocols*. 2023 Mar 15;12(1):e38246.
7. Mathews M, Ryan D, Hedden L, Lukewich J, Marshall EG, Asghari S, Terry AL, Buote R, Meredith L, Moritz L, Spencer S, Brown JB, Christian E, Freeman TR, Gill PS, Sibbald SL, Wong E. Family physicians' responses to personal protective equipment shortages in four regions in Canada: a qualitative study. *BMC Prim Care*. 2023 Feb 27;24(1):56.
8. Mathews M, Meredith L, Ryan D, Hedden L, Lukewich J, Marshall EG, Buote R, Moritz L, Spencer S, Asghari S, Brown JB, Freeman TR, Gill PS, McCracken RK, McKay M, Ryan B, Sibbald SL, Wetmore S, Wong E. The roles of family physicians during a pandemic. *Healthc Manage Forum*. 2023 Jan 1;36(1):30–5.
9. Anaraki NR, Asghari S, Mukhopadhyay M, Wilson M. Exploration of Rural Family Physicians' Lived-Experiences of Coping with the COVID-19 Pandemic. *The Annals of Family Medicine [Internet]*. 2023 Jan 1 [cited 2024 Jun 14];21(Supplement 1). Available from: https://www.annfammed.org/content/21/Supplement_1/3669
10. Doherty S, Asghari S, Heeley T, House-Denine M, Hall A, Swab M. Postpartum haemorrhage in rural Indigenous women: scoping review of a global obstetrical challenge. *International Journal of Circumpolar Health*. 2022 Dec 31;81(1):2090066.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

Publications (Peer reviewed):

11. Asghari S, Price J, Anaraki NR, Mariathas HH, Bethune C, Graham W, Graham A. (The shift to) online delivery of a rural faculty development program in research skills: lessons learned. *BMC Primary Care*. 2022 Dec 24;23(1):337.
12. Anaraki NR, Mukhopadhyay M, Karaivanov Y, Wilson M, Asghari S. Living and working in rural healthcare during the COVID-19 pandemic: a qualitative study of rural family physicians' lived experiences. *BMC Primary Care*. 2022 Dec 22;23(1):335.
13. Kong Y, Shaver LG, Shi F, Mu H, Bu W, Etchegary H, Aubrey-Bassler K, Asghari S, Yi Y, Wang PP. The Effects of Cancer Beliefs and Sociodemographic Factors on Colorectal Cancer Screening Behaviours in Newfoundland and Labrador. *Healthcare (Basel)*. 2022 Dec 19;10(12):2574.
14. Walsh A, Bodaghkhani E, Etchegary H, Alcock L, Patey C, Senior D, Asghari S. Patient-centered care in the emergency department: a systematic review and meta-ethnographic synthesis. *Int J Emerg Med*. 2022 Dec;15(1):36.
15. Spencer S, Hedden L, Vaughan C, Marshall EG, Lukewich J, Asghari S, Gill P, Buote R, Meredith L, Moritz L, Ryan D, Mathews M. "It was horrible for that community, but not for the way we had imagined": A qualitative study of family physicians' experiences of caring for communities experiencing marginalisation during COVID-19. *SSM Qual Res Health*. 2022 Dec;2:100176.
16. Rahimipour Anaraki N, Mukhopadhyay M, Wilson M, Karaivanov Y, Asghari S. Virtual Healthcare in Rural and Remote Settings: A Qualitative Study of Canadian Rural Family Physicians' Experiences during the COVID-19 Pandemic. *IJERPH*. 2022 Oct 17;19(20):13397.
17. Young C, Patey C, Norman P, Chan T, Hurley O, Swab M, Asghari S. Identifying relevant topics and training methods for emergency department flow training. *CJEM*. 2022 Oct 15;
18. Vaughan C, Lukewich J, Mathews M, Hedden L, Poitras ME, Asghari S, Swab M, Ryan D. Nursing contributions to virtual models of care in primary care: a scoping review protocol. *BMJ Open*. 2022 Sep 1;12(9):e065779.
19. Lespérance S, Anaraki NR, Ashgari S, Churchill A. Systemic challenges and resiliency in rural family practice. *Can J Rural Med*. 2022 Sep;27(3):91–8.
20. Jewer J. Investigating a Work System Approach to Implement an Emergency Department Surge Management System: Case Study. *J Med Internet Res*. 2022 Aug 25;24(8):e37472.
21. Alimoradpour S, Rafie M, Ahmadzadeh B. Providing a genetic algorithm-based method to optimize the fuzzy logic controller for the inverted pendulum. *Soft Comput*. 2022 Jun 1;26(11):5115–30.
22. Patey C. Family medicine growth rings. *Can Fam Physician*. 2022 Jun;68(6):452–452.
23. Ahmadi A, Yazdizadeh B, Doshmangir L, Majdzadeh R, Asghari S. PROTOCOL: Systematic review of methods to reduce risk of bias in knowledge translation interventional studies in health-related issues. *Campbell Systematic Reviews*. 2022 Apr 12;18(2):e1236.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

Publications (Peer reviewed):

24. Lukewich J, Asghari S, Marshall EG, Mathews M, Swab M, Tranmer J, Bryant-Lukosius D, Martin-Misener R, Norful AA, Ryan D, Poitras ME. Effectiveness of registered nurses on system outcomes in primary care: a systematic review. *BMC Health Serv Res.* 2022 Apr 4;22(1):440.
25. Ryan D, Asghari S, Martin-Misener R, Swab M, Mathews M, Poitras ME, Bryant-Lukosius D, Norful A, Marshall E, Tranmer J, Lukewich J. Systematic review of the effectiveness of registered nurses in primary care. *The Annals of Family Medicine [Internet].* 2022 Apr 1 [cited 2023 Jan 11];20(Supplement 1). Available from: https://www.annfammed.org/content/20/Supplement_1/2904
26. Mariathas HH, Hurley O, Anaraki NR, Young C, Patey C, Norman P, Aubrey-Bassler K, Wang PP, Gadag V, Nguyen HV, Etchegary H, McCrate F, Knight JC, Asghari S. A Quality Improvement Emergency Department Surge Management Platform (SurgeCon): Protocol for a Stepped Wedge Cluster Randomized Trial. *JMIR Research Protocols.* 2022 Mar 24;11(3):e30454.
27. Anaraki NR, Jewer J, Hurley O, Mariathas HH, Young C, Norman P, Patey C, Wilson B, Etchegary H, Senior D, Asghari S. Implementation of an ED surge management platform: a study protocol. *Implementation Science Communications.* 2022 Mar 2;3(1):21.
28. Wade RE, McCullum B, Patey C, Dubrowski A. Development and Evaluation of a Three-Dimensional-Printed Pediatric Intraosseous Infusion Simulator To Enhance Medical Training. *Cureus.* 2022 Jan;14(1):e21080.
29. Asghari, S., Price, J., Anaraki, N. R., Mariathas, H. H., Bethune, C., Graham, W., & Graham, A. (2022). (The shift to online delivery of a rural faculty development program in research skills: Lessons learned. *BMC Primary Care*, 23(1), 337. <https://doi.org/10.1186/s12875-022-01943-0>

Articles (Non-peer reviewed):

1. Sheppard, G., Williams, KL., Metcalfe, B. et al. Using Kane's framework to build an assessment tool for undergraduate medical student's clinical competency with point of care ultrasound. *BMC Med Educ* 23, 43 (2023). DOI: <https://doi.org/10.1186/s12909-023-04030-9>.
2. Government of Canada. Canadian Institutes of Health Research. 2022 [cited 2024 Jun 14]. Surging ahead: How an innovative digital platform is helping reduce emergency room wait times - CIHR. Available from: <https://cihr-irsc.gc.ca/e/53164.html>
3. Asghari S, Patey C, Hurley O, Norman P, Walsh A, Williams N, Etchegary H, Senior D, Abedinzadegan Abdi P, Johnson R. SurgeCon: Engaging Communities to Improve Emergency Department Wait Times and Patient Satisfaction (Submitted - Under Review). In: *Engagement at Memorial - Edited Collection*. Memorial University of Newfoundland.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

Workshops:

1. Patey, C. Emergency Department FLOW COURSE. [Workshop]. Canadian Association of Emergency Physicians (CAEP), Quebec City, QC. (2022, May 31).
2. Hatcher, Lydia. (2022, May). "Chronic Pain and Substance Use Disorder: Safer Management", Touchstone Institute Webinar 2.5-hour workshop.
3. Bradbury-Squires, D. (2022). "The 28th Annual Rural and Remote Medicine Course – Take 2!" Ottawa, Ontario, Canada. Lung PoCUS.
4. Walsh A, Senior D, Abdi P, Burgess J, Thistle R, Fewer J, Etchegary H, Allison J, Young C, Patey C, Norman P, Hurley O, Asghari S. Engaging Patients to Build Patient-Centered Care. Workshop presented at: North American Primary Care Research Group (NAPCRG); 2022 Nov 18; Phoenix, Arizona.
5. Patey C, Norman P, Young C. Emergency Department Flow Course: An Interactive Workshop on Improving Patient Flow. Workshop presented at: Society of Rural Physicians of Canada (SRPC); 2022 Apr 21; Ottawa, ON, Canada.
6. Graham, W., Asghari, S., Bethune, C., & Price, J. (2022, November 9). From The Front Lines: Introduction to scholarly writing in Family Medicine. FMF, Toronto, ON, Canada.
7. Graham, W., Asghari, S., Bethune, C., Price J. (2022, April 23). Tackling 'wicked' problems in rural health care: The adaptive action method (AAM) in action. Society of Rural Physicians of Canada (SRPC), Ottawa, ON, Canada.
8. Graham, W., Asghari, S., Bethune, C., Price, J. & Graham, A. (2022c, June 17). Fostering socially accountable rural health research relevant to local contexts using an Adaptive Action Method (AAM). WONCA World Rural Health Conference, Limerick, Ireland.

Presentations:

1. Guigné, Dr. Françoise. (2022 November 21). Invited Keynote Speaker for Provincial Opioid Dependence Treatment Centre of Excellence Annual Provincial Substance Use Conference "Alcohol Use Disorder: Case Based Clinical Overview".
2. Guigné, Dr. Françoise. (2022 May 26). 1:30-4:30 INVITED guest panelist for "Harm Reduction Panel" End Homelessness St. John's, for Intensive Housing First Case Managers.
3. Walsh, A., Asghari S., Hurley, O. Patey, C. Senior, D. (Nov 21, 2022) Engaging Patients to Build Patient Centered Care. NAPCRG 2022. Phoenix, Arizona.
4. Patey, C. Norman, P. (May 30, 2022). You Got Backlog: We Got tips to ED Flow. CAEP. Quebec City, Quebec.
5. Patey, C. Engelbrecht, R. Campbell, C. Wade, R. (2022, Apr 22) 3D Printed Workshop – Peds IO, Adult IO & Fishhook Removal. SRPC - Rural and Remote. Ottawa, ON.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

16. Patey, C. Stratton, S. (2022, Apr 21) Bog Bikes, Snow Crab and Racquets - Rural NL ED Cases. SRPC - Rural and Remote. Ottawa, ON.
17. Hatcher, Lydia. (2023, March). "Depression, Anxiety, Panic, and PTSD – what to do!!", CME Away, Great Barrier Reef Cruise.
18. Hatcher, Lydia. (2023, March). "Skills to Improve Communication & Avoid Lawsuits", CME Away, Great Barrier Reef Cruise.
19. Hatcher, Lydia. (2023, March). "Managing Sleep Disorders: Insomnia to Narcolepsy", CME Away, Great Barrier Reef Cruise.
20. Hatcher, Lydia. (2023, March). "Health Care Concerns in Older Adults and Frail Patients", CME Away, Great Barrier Reef Cruise.
21. Hatcher, Lydia. (2023, March). "Medical Cannabis- should it be in your toolbox?", CME Away, Great Barrier Reef Cruise.
22. Hatcher, Lydia. (2023, March). "Current Topics in Pain Management", CME Away, Great Barrier Reef Cruise.
23. Hatcher, Lydia. (2023, March). "Non-pharmacologic approaches to Chronic Pain", CME Away, Great Barrier Reef Cruise.
24. Hatcher, Lydia. (2023, March). "Opioids – the Good the Bad and the Ugly", CME Away, Great Barrier Reef Cruise.
25. Hatcher, Lydia. (2023, January). "What is Pain and What Influences the Experience", webinar, Research Exchange Group, NLCAHR, NL.
26. Hatcher, Lydia. (2023, January). "Medical Cannabis- What you need to know", Webinar, University Women's Club, Toronto, ON.
27. Hatcher, Lydia. (2022, October). "Non-pharmacological Pain Management", Faculty Development Department of Family Medicine, MUN, NL.
28. Hatcher, Lydia. (2022, September). "Pharmacogenetics", Lydia Hatcher and John Papastergiou, Nurse Practitioners Association of Ontario Annual Conference, Toronto ON.
29. Hatcher, Lydia. (2022, September). "Health Care Management in Older (65+) Adults and Frail Patients & Yourselves", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.
30. Hatcher, Lydia. (2022, September). "Skills to Improve Communication and Avoid Lawsuits", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

31. Hatcher, Lydia. (2022, September). "Depression, Anxiety, Panic, and PTSD – what to do!!", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.
32. Hatcher, Lydia. (2022, September). "Considering Medical Cannabis? Patient Based Scenarios", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.
33. Hatcher, Lydia. (2022, August). "What's new in Chronic Pain management?", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.
34. Hatcher, Lydia. (2022, August). "Tips for Non-pharmacological Pain Management", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.
35. Hatcher, Lydia. (2022, August). "Understanding Pain and Making the Diagnosis", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.
36. Hatcher, Lydia. (2022, August). "Travel Health Tips for You & Your Patients", State of the Art Management of Pain, Wellness & Practical Mindfulness, CME Away, European Cruise.
37. Hatcher, Lydia. (2022, August). "What's New in Pain Management", 40th Year Med School Reunion MUN, Charlevoix, PQ.
38. Hatcher, Lydia. (2022, August). "Health Care Management in Older (65+) Adults and Frail Patients", 40th Year Med School Reunion MUN, Charlevoix, PQ.
39. Hatcher, Lydia. (2022, May). "Pharmacogenetics for Pain and Mental Health - Wave of the Future", Nurse Practitioners Association of Ontario, Webinar.
40. Hatcher, Lydia. (2022, May). "Opioid Use Guidelines" Pain Management Online Credentialing Course, Canadian Academy of Pain Management, Zoom Canada wide.
41. Hatcher, Lydia. (2022, May). "Tapering Strong Opioids" Pain Management Online Credentialing Course, Canadian Academy of Pain Management, Zoom Canada wide.
42. Hatcher, Lydia. (2022, May). "Chronic Fatigue and Sleep Disorders" Pain Management Online Credentialing Course, Canadian Academy of Pain Management, Zoom Canada wide.
43. Hatcher, Lydia. (2022, April). "Low Dose Naltrexone for Chronic Pain", Webinar, Canadian Academy of Pain Management, Canada.
44. Hatcher, Lydia. (2022, April). "Healthy Lifestyle Tips for Managing Your Chronic Pain Patients", College of Family Physicians of Canada Member Interest Group (CFPC Learn) Podcast, hosted by Dr Allan Grill.
45. Pieroway, Amy. (2024, February). "Diagnosing Common Major Neurocognitive Disorders". Family Medicine Lecture Series. NL, Canada.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

1. Guigné, Dr. Françoise. With Dr. Bridger. (2023 February 6). "Approach to STI's."
2. Guigné, Dr. Françoise. (2022 November 22). "Organized and facilitated Panel for Core Content: Trauma-Informed Care for Trafficked Newcomer Patients."
3. Guigné, Dr. Françoise. (2022 September 9). PAR NL Orientation Training, Social Accountability.
4. Guigné, Dr. Françoise. (2022 June 22). "RIO Interpretation Services for Newcomer Populations" PGME Orientation week.
5. Guigné, Dr. Françoise. (2022 June 27). Arranged for Ashley Dicker Indigenous Patient Navigator, First Light, to present to residents around health navigator roles/services for Indigenous People for all PGME R1s in June 2022 Orientation.
6. Guigné, Dr. Françoise. (2022 May 30). "AHD".
7. Guigné, Dr. Françoise. (2022 May 26). MUN Medicine Virtual Discovery Day Susan Avery, Amanda Tzenov, Françoise and 4th person.
8. Guigné, Dr. Françoise. (2022 May 25). Presentation to Emergency Medicine.
9. Guigné, Dr. Françoise. (2022 May 20). Presentation "Approach to STI's" resident rounds 1-2pm.

Poster Presentations

1. Guigné, F, Smith E, Avery S, Dawe R, Sturge Sparks C, Deacon D. Creating Curriculums: Creating a Culturally Safe Indigenous Health Curriculum at Memorial University of Newfoundland. Poster Presentation, Canadian Conference on Medical Education, Online (Apr 23-26, 2022).
2. Dawe, R, Guigné F, Reiniger J. Enhanced Skills in Care of Underserved Populations: A program evaluation (work-in-progress). Poster Presentation, Family Medicine Forum/Besrou Forum, Online (Nov 16-19, 2022).
3. F. Guigne, E. Smith, S. Avery, R. Dawe, C. Struge-Sparkes, D. Deacon. Creating Curriculums: Creating a Culturally Safe Indigenous. Health Curriculum at Memorial University of Newfoundland. Canadian Conference Medical Education (CCME), Virtual Event (April 2022).
4. Pelley J., Guigné F. (2022, November). "Is It Effective? Latent Tuberculosis Treatment in Memorial University's Refugee Health Clinic". Besrou FMF
5. Dawe R., Guigné F., Reigniger J. (November 2022). "Enhanced Skills in Care of Underserved Populations: A program evaluation (work in progress)". Besrou FMF
6. Guigné, F., Smith E., Avery S., Dawe R., Sturge-Sparkes C., Deacon D. (2022, April). Creating Curriculums: Creating a Culturally Safe Indigenous Health Curriculum at Memorial University of Newfoundland". Canadian Conference on Medical Education.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

7. Furlong, B., Etchegary, H., Pike, A., Burse, K., Hall, A. (2022). A collaborative approach to assessing and developing patient education materials for low back pain (Poster). Science, Health & Research Education (SHARE) Summit, St. John's, Canada.
8. Burse, K., Pike, A., Etchegary, H., Aubrey-Bassler, K., Patey, A., Romme, K., Furlong, B., Hall, A. (2022). Why do Family Physicians Prescribe Antibiotics for Upper Respiratory Tract Infections? A Summary of the Literature from the Perspectives of Family Physicians (Poster). Science, Health & Research Education (SHARE) Summit, St. John's, Canada.
9. Miller M, Mariathas HH, Asghari S, Walsh A. Patient Experience of Privacy while Receiving Care: Findings from Interviews with Patients in Emergency Departments. Poster Presentation presented at: North American Primary Care Research Group Annual Meeting; 2022 Nov 21; Phoenix, Arizona.
10. Young C, Asghari S. Social isolation and loneliness in rural long-term care: Before and during the COVID-19 pandemic. Poster Presentation presented at: North American Primary Care Research Group (NAPCRG) Conference; 2022 Nov 18; Phoenix, Arizona.
11. Bent J, Asghari S, Modir A, MacDonald A, Bethune C, Graham W, Farrell A. Building a Learning Health Care Community in Rural and Remote Areas: A Systematic Review. Poster Presentation presented at: NAPCRG 2022; 2022 Nov 18; Phoenix, Arizona.
12. Walsh A, Bodaghkhani E, Alcock L, Patey C, Etchegary H, Senior D, Asghari S. Identifying patient-centered care in the emergency department: a systematic review and meta-ethnographic analysis. Poster Presentation presented at: Canadian Association of Emergency Physicians 2022; 2022 Jun 26; Quebec City, QC.
13. Patey C, Norman P, Hurley O, Asghari S. The Flow Centre: An Intervention for Improving Patient Flow in the Emergency Department. Poster Presentation presented at: International Conference on Emergency Medicine; 2022 Jun 14; Virtual (Melbourne, Australia).
14. Hurley O, Asghari S, Mahdavian H, Walsh A, Etchegary H, Senior D, Patey C, Norman P. Emergency Department Environments: A System Change Review. Poster Presentation presented at: International Conference on Emergency Medicine; 2022 Jun 14; Virtual (Melbourne, Australia).
15. Asghari, S., Price, S., Graham, A., Bethune, C., Graham, W., Anaraki, N., & Mariathas, H. (2022, November 18). Retain or remove the pandemic adaptation: What is the optimal delivery model for research skill faculty development programs post-pandemic? North American Primary Care Research Group, Phoenix, Arizona.
16. Asghari, S., Modir, A., Bent, J., MacDonald, A., Bethune, C., Graham, W., Farrell, A. (2022 November 19). Building a Learning Health Care Community in Rural and Remote Areas: A Systematic Review. North American Primary Care Research Group (NAPCRG) Conference, Phoenix, AZ.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

Oral Presentations

1. Andani, R., Bradbury-Squires, D.J., Costello, G., Micks, T., Robinson, V. CAEP National Grand Rounds. (2022). "MORE high-yield rural point of care ultrasound cases: A case-based overview and greatest hits." Moderated virtual oral session.
2. Rourke, J., & Bradbury-Squires, D.J. (2022) "The 28th Annual Rural and Remote Medicine Course – Take 2 - Community-Based Rural Health Research: Where we've been, what we learned, and how to make it happen?". Ottawa, Ontario, Canada. Moderated oral session.
3. Hunt, Andrew. Exploring distributed medicine from an educational delivery standpoint in Newfoundland and Labrador. Oral presentation at 2022 Rural and Remote Conference, Society of Rural Physicians of Canada (SRPC). Ottawa, ON.
4. Hunt, Andrew. Enhancing Distributed Medical Education at Memorial University via a virtual provincial tour of Newfoundland and Labrador. Oral presentation at 2022 Canadian Conference on Medical Education (CCME). Calgary, AB.
5. Asghari S, Price S, Graham A, Bethune C, Graham W, Anaraki N, Mariathas H. Retain or remove the pandemic adaptation: What is the optimal delivery model for research skill faculty development programs post-pandemic? Oral Presentation presented at: North American Primary Care Research Group; 2022 Nov 18; Phoenix, Arizona.
6. Anaraki NR, Mukhopadhyay M, Karaivanov Y, Wilson M, Asghari S. Exploration of Rural Family Physicians' lived-experiences of coping with the COVID-19 pandemic. Oral Presentation presented at: North American Primary Care Group; 2022 Nov 18; Phoenix, Arizona.
7. Hurley O, Young C, Mariathas HH, Anaraki NR. SurgeCon: Improving Emergency Department Wait Times Through Process Improvement and eHealth Systems Integration. Oral Presentation presented at: SHARE Summit; 2022 Nov 10; St. John's, NL.
8. Graham W, Asghari S, Bethune C, Price J. Becoming a Family Physician writer: Finding your voice. Oral Presentation presented at: FMF; 2022 Nov 9; Toronto, ON.
9. Young C, Patey C, Norman P, Chan T, Hurley O, Asghari S. Identifying flow training strategies and modalities through an integrative systematic review and modified Delphi. Oral Presentation presented at: The European Emergency Medicine Congress; 2022 Oct 15; Berlin, Germany.
10. Anaraki N, Mukhopadhyay M, Jewer J, Etchegary H, Patey C, Norman P, Asghari S. Barriers and Facilitators to the Implementation of E-Health Systems in Emergency Departments: A Qualitative Study of Assessing Emergency Department Readiness Prior to Implementation. Oral Presentation presented at: The European Emergency Medicine Congress; 2022 Oct 15; Berlin, Germany.
11. Asghari S, Bethune C, Graham W. Anchored delivery – A competency-based model for continuing medical education for rural physicians in research skills. Oral presentation presented at: The Association for Medical Education in Europe (AMEE); 2022 Aug 27; Lyon, France.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

12. Patey C, Norman P. Innovations in Emergency Department Flow and Surge. Oral Presentation presented at: ESMED General Assembly 2022; 2022 Aug 4; Virtual.
13. Young C, Patey C, Norman P, Chan T, Hurley O, Asghari S. Designing an evidence-based flow training curriculum for emergency department staff. Oral presentation presented at: Canadian Association of Emergency Physicians; 2022 Jun 28; Quebec City, QC.
14. Graham W, Asghari S, Bethune C, Price J. Fostering socially accountable rural health research relevant to local contexts using an Adaptive Action Method (AAM). Oral presentation presented at: WONCA World Rural Health Conference; 2022 Jun 17; Limerick, Ireland.
15. Asghari S, Bethune C, Graham W, Walsh A, Heeley T, Furlong B. Anchored delivery model – an innovative medical education program to engage rural community physicians in healthcare research. Oral Presentation presented at: WONCA World Rural Health Conference; 2022 Jun 17; Limerick, Ireland.
16. Asghari S, Bethune C, Graham W, Modir A, Bent J, McDonald A. Building a learning health care community (LHCC) in rural and remote areas to support research and healthcare. Oral presentation presented at: World Rural Health Conference (WONCA); 2022 Jun 17; Limerick, Ireland.
17. Anaraki N, Asghari S, Karaivanov Y, Wilson M. Virtual Healthcare: A Controversial Response to the Pandemic. Oral presentation presented at: World Rural Health Conference (WONCA); 2022 Jun 17; Limerick, Ireland.
18. Young C, Patey C, Norman P, Hurley O, Asghari S. Evaluation of an evidence-based flow training curriculum for emergency department staff to decrease wait times. Oral presentation presented at: International Conference on Emergency Medicine; 2022 Jun 14; Virtual.
19. Anaraki N, Asghari S, Etchegary H, Jewer J, Patey C, Norman P. Assessing Emergency Department Readiness for Implementation: Barriers and Facilitators for Change Prior to Implementation of SurgeCon. Oral presentation presented at: International Conference on Emergency Medicine; 2022 Jun 14; Melbourne, Australia.
20. Graham W, Asghari S, Bethune C, Price J. Burning questions and curiosity: How you might address some challenges in your practice and community. Oral presentation presented at: Northern Constellations (NOSM); 2022 May 6; Virtual.
21. Hunt A. Enhancing Distributed Medical Education at Memorial University via a virtual provincial tour of NL. Oral presentation presented at: The Canadian Conference on Medical Education (CCME); 2022 Apr 23; Calgary.
22. Wilson M, Lee D. Beyond the Overpass: Highlights of Rural Research. Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC); 2022 Apr 21; Ottawa, ON, Canada.
23. Wilson L, Hunt A. From Early Years to Early Learners: Current Topics in Medical Education. Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC) – Rural and Remote; 2022 Apr 21; Ottawa, ON.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

Oral Presentations

23. Wilson L, Hunt A. From Early Years to Early Learners: Current Topics in Medical Education. Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC) – Rural and Remote; 2022 Apr 21; Ottawa, ON.
24. Power L, McCarthy R. Layered Learning: Teaching Tips for Residents and Early Career Preceptors. Oral presentation presented at: Society of Rural Physicians of Canada (SRPC) – Rural and Remote; 2022 Apr 21; Ottawa, ON.
25. Patey C, Norman P. Practical tips to improve rural emergency department efficiency and patient flow. Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC); 2022 Apr 21; Ottawa, ON, Canada.
26. Patey C, Stratton S. Bog Bikes & Snow Crab — Rural Newfoundland Emergency Cases. Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC); 2022 Apr 21; Ottawa, ON.
27. Patey C, Campbell C, Engelbrecht R, Wade R. Procedural Skills in a 3D Printed World (Fishhook Removal, Adult IO, Peds IO). Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC); 2022 Apr 21; Ottawa, ON.
28. Patey C. Grabbing Medicine by the Horns — Early and Mid-Career Perspective on Rural Practice. Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC); 2022 Apr 21; Ottawa, ON.
29. Hunt A. Exploring Distributed Medicine from an Education Delivery Standpoint in NL. Oral presentation presented at: Society of Rural Physicians of Canada (SRPC) – Rural and Remote; 2022 Apr 21; Ottawa, ON.
30. Harper S. So you've agreed to be an Event Medic? Oral Presentation presented at: Society of Rural Physicians of Canada (SRPC); 2022 Apr 21; Ottawa, ON.
31. Graham W, Asghari S, Bethune C, Price J. Tackling 'wicked' problems in rural health care: The adaptive action method (AAM) in action. Oral presentation presented at: Society of Rural Physicians of Canada (SRPC) – Rural and Remote; 2022 Apr 21; Ottawa, ON.
32. Graham W, Asghari S, Bethune C, Price J. A Faculty development rural research program fostering socially accountable research - 6for6 six years down the road. Oral presentation presented at: Society of Rural Physicians of Canada (SRPC) – Rural and Remote; 2022 Apr 21; Ottawa, ON.
33. Asghari S, Graham W, Bethune C, Price J. Evaluating a capacity building program for rural health research in Labrador and Northern Newfoundland. Oral presentation presented at: Society of Rural Physicians of Canada (SRPC) – Rural and Remote; 2022 Apr 21; Ottawa, ON.
34. Graham, W., Asghari, S., Bethune, C., & Price, J. (2022d, November 9). Becoming a Family Physician writer: Finding your voice. Family Medicine Forum (FMF), Toronto, ON.
35. Graham, W. (2022 September 10). Gender Equity in Compensation. Board of Directors Meeting, Newfoundland and Labrador Medical Association (NLMA), St. John's, NL.

APPENDIX A: PUBLICATIONS AND PRESENTATIONS

36. Asghari, S., Bethune, C., & Graham, W. (2022, August 27). Anchored delivery – A competency-based model for continuing medical education for rural physicians in research skills. An International Association for Medical Education (AMEE), Lyon, France.
37. Asghari, S., Bethune, C., Graham, W., Modir, A., Bent, J., & McDonald, A. (2022, June 17). Building a learning health care community (LHCC) in rural and remote areas to support research and healthcare. World Rural Health Conference (WONCA), Limerick, Ireland.
38. Asghari, S., Bethune, C., Graham, W., Walsh, A., Heeley, T., & Furlong, B. (2022, June 17). Anchored delivery model – an innovative medical education program to engage rural community physicians in healthcare research. World Rural Health Conference (WONCA), Limerick, Ireland.
39. Graham, W., Asghari, S., Bethune, C., & Price, J. (2022c, June 17). Fostering socially accountable rural health research relevant to local contexts using an Adaptive Action Method (AAM). World Rural Health Conference (WONCA), Limerick, Ireland.
40. Graham, W., Asghari, S., Bethune, C., & Price, J. (2022, May 7). Burning questions and curiosity: How you might address some challenges in your practice and community. Northern Constellations (NOSM), Thunder Bay, ON.
41. Asghari, S., Graham, W., Bethune, C., & Price, J. (2022, April 21). Evaluating a capacity building program for rural health research in Labrador and Northern Newfoundland. Society of Rural Physicians of Canada (SRPC) – Rural and Remote, Ottawa, ON.
42. Graham, W., Asghari, S., Bethune, C., & Price, J. (2022a, April 21). A Faculty development rural research program fostering socially accountable research—6for6 six years down the road. Society of Rural Physicians of Canada (SRPC) – Rural and Remote, Ottawa, ON.
43. Co-Author, with medical student J Cormier, "Assessment of the Current Newcomer Refugee Lab Intake Protocol in St. Johns, Newfoundland", Conference of Atlantic Medical Students, March 2023

APPENDIX B: EXTERNAL AND INTERNAL GRANTS

Nominated PI/Co-PI	Title	Funding Source	Amount
External Grants			
Dr. Kerry-Lynn Williams	Digital Interventions to Enhance Mental Health Communities in Labrador	NRC Arctic and Northern Challenge	\$450,000
Dr. Kris Aubrey-Bassler	Building on Existing Tools to Improve Chronic Disease Prevention and Screening in Primary Care Virtually: The Virtual (BETTER Study).	CIHR	\$150,000
Dr. Kris Aubrey-Bassler	Better understanding care transitions of adults with complex health and social care needs: an essential step towards integrated care	CIHR	\$980,000
Dr. Kris Aubrey-Bassler	Screening for Poverty and Related social determinants and intervening to improve Knowledge of and links to resources (SPARK) Implementation Study	CIHR	\$54,436
Dr. Kris Aubrey-Bassler	Health surveillance of community-dwelling, person-with-dementia and caregiver dyads	Public Health Agency of Canada	\$992,533
Internal Grants			
Dr. Christine Aubrey-Bassler (Co-PI)	Unraveling the complexities of health care for new refugees in Newfoundland and Labrador: A FRAM analysis	NLSPOR Clinician-Led Grant	\$10,000

