

Faculty of Medicine

Dalhousie Medicine New Brunswick: *Annual Report*

2021-2022



DALHOUSIE
UNIVERSITY

DALHOUSIE MEDICINE
NEW BRUNSWICK





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Message from the Dean

It has been a busy and exciting year at Dalhousie Medicine New Brunswick as we continue to build a strong reputation for medical education and research in the province.

I am proud to say, beginning in the next academic year, we will be better positioned to meet the healthcare needs of New Brunswickers, with 10 additional New Brunswick students being able to pursue their medical education at DMNB. This important transfer of medical school seats that were formally allocated to Memorial University will allow DMNB to train and develop highly trained physicians and scientists who can address health priorities specific to the region.

2022 welcomed the twelfth cohort of students into the study of medicine in New Brunswick, led by our outstanding Associate Dean, Dr. Jennifer Hall. With five undergraduate teaching sites located throughout the province, DMNB provides learners with one of the best distributed educational experiences in Canada, under the direction of Dr. Robert Boulay, Assistant Dean for Clinical Education.

Research efforts and supports continue to expand under the leadership of Dr. Paul Atkinson, Assistant Dean, DMNB Research. Over the last year, the Dalhousie Medicine New Brunswick Research Council, chaired by Dr. Atkinson finalized its leadership structure. The council will be a forum for planning, discussion, collaboration, and problem solving for Faculty of Medicine researchers across New Brunswick and is structured to ensure representation from the chairs, key research teams, external partners, and other members of the four main research groups.

Throughout the 2021-2022 academic year, DMNB faculty and students received a total of \$680,809 in funding. The New Brunswick Medical Education Foundation continues to be a leading support for students, and I am pleased to share that of 66 scholarships awarded, 37 went to DMNB students at the thirteenth annual scholarship reception on October 20, 2022. Additionally, DMNB students



were awarded over \$30,000 in scholarships and over \$385,000 in bursaries.

After many months of planning and collaboration, on February 1, 2023, I was thrilled to unveil our renewed strategic plan, developed with the significant contributions from the Faculty of Medicine community. As we begin the implementation of the plan's action items, your input and collaboration will continue to be critical. With your help, we look forward to continuing the tradition of training scientists and medical professionals with a commitment to lifelong learning, excellence in patient care, high ethical standards, and accountability to communities we serve.

My sincerest thanks to our faculty, staff, students, residents, fellows, alumni, patients, and donors, as well as our community partners; Horizon Health Network, University of New Brunswick, and the New Brunswick provincial government. As we look forward, guided by the Faculty of Medicine's renewed strategic plan, we can expect a period of growth and incredible achievement from our faculty, staff, students, and alumni. I am excited to see what the New Year will bring.

David Anderson, MD, FRCPC, FACP
Dean, Faculty of Medicine

Associate Dean's Update

The annual report of 2021-2022 reflects not simply a return to normalcy but a revision of our standard operations. As a community, we have navigated the practice and education of healthcare in a world still affected by the COVID-19 pandemic with innovation and resiliency. Our students and staff have gone above and beyond to integrate virtual and in-person learning opportunities to ensure a seamless education can be provided to all learners. Throughout the 2021-2022 academic year, students continued to demonstrate remarkable adaptability, and great care for the communities they are a part of. Many participated in the coordination of vaccine clinics, provided food and provisions for healthcare workers required to isolate, and continued to support New Brunswickers as they navigate the pandemic. What DMNB has accomplished during this unprecedented time is truly special, and a testament to the character of our campus.

This year marks Dalhousie Medicine New Brunswick's 12th anniversary. DMNB opened its doors to its inaugural cohort of students in September 2010 and now, after twelve years, we are celebrating the graduation of our ninth class. From the beginning, DMNB has endeavoured to make each student's undergraduate medical experience special, which is why events like the First Light and Launch Ceremonies were created – to remind students of the inimitable support systems they have here in New Brunswick as you set out on their lifelong medical education and practice journey.

Over the last twelve years, DMNB faculty and staff from all over the province have assumed positions of leadership and influence at Dalhousie Medical School, making the Dalhousie Medicine New Brunswick campus a vital contributor to the school's vision and mission of serving the people of the Maritimes.

2021-2022 reflected a blend of traditions as we worked to establish a new normal for our campus. To adhere to Public Health and University safety measures, many annual events remained in a virtual asynchronous format. This included the Multiple Mini Interviews (MMIs) in November that allowed for New Brunswick assessors to participate in the process. Additionally, CaRMS interviews followed the same virtual format established last year.



Under the leadership of Dr. Paul Atkinson, Associate Dean of DMNB Research, the research enterprise at Dalhousie Medicine New Brunswick continues to grow. This year alone, DMNB Investigators published 66 papers and received a total of \$11,287,718 in funding. As co-applicants, the members of the Research Unit received a total of \$ 3,703,892 –and \$6,988,881 as principal applicants! Our Investigators continue to innovate their specialties and publish valuable research.

It is difficult to summarize the entirety of our campus' accomplishments on this page alone. As you continue reading this report you will find the achievements of each unit well-documented. As always, I am proud of our students, faculty, and staff, who continue to make Dalhousie Medicine New Brunswick a leader in medical education and research in our province. Though many features have changed in the last few years, our shared passion for meeting the healthcare needs of New Brunswickers has only grown.

Jennifer Hall, MSc, MD, CCFP, FCFP
Associate Dean, DMNB

Our **Mission,** **Vision, & Values**

MISSION

To drive excellence in health and health care through world-class medical education and research, and our commitment to social accountability.

VISION

Healthier communities.

WHAT WE VALUE

- **RESPECT** —Work and learning environments grounded in high regard for the aspirations, rights, and traditions of all. Collegial, professional relationships that build feelings of trust, safety, and wellbeing.
- **INCLUSION** —A diverse mix of outstanding students, scholars, researchers, and staff who share an enriched sense of belonging and commitment to action. The power of diversity demonstrated through inclusive engagement with our communities.
- **COLLABORATION** —Genuine appreciation for what is important to one another, our partners and those whom we serve. Strong, productive relationships.
- **ACCOUNTABILITY** —Providing people with the tools, time, and other resources they need to do their work. Setting the bar for integrity in transparent communication. Setting new standards for high-quality and equitable approaches to medical education, research, and clinical practice.
- **EXCELLENCE** —Striving for enduring improvement in individual, community, population, and planetary health. An ongoing commitment to sustainable quality improvement.



Education

ADMISSIONS

Multiple Mini Interviews (MMI)

In adherence to protocols established in response to the ongoing COVID-19 pandemic, the 2021 Multiple Mini Interviews (MMI) continued for a second year in a virtual asynchronous format. As demonstrated by the 2020 MMI process, assessors did not interact directly with the applicants but rather reviewed their video responses to questions.

Hosted on the Kira Talent software platform, the 2021 MMI asked applicants to access Kira Talent on a designated date and time to complete the virtual interview. New Brunswick assessors were still able to participate in the process and were asked to review and assess applicants' video-recorded responses.

This assessment, in conjunction with all other information collected, is used to help the admissions committee determine which applicants may be best suited for the Medical Education Program at Dalhousie University.

Class of 2026: Demographic Information

Location of Previous Study

56% New Brunswick Universities



25% Other Maritime Universities



18% Other Canadian Universities



Male/Female Student Ratio

69%
Female



31%
Male



11

students from the Class of 2026 hold a graduate degree

STUDENTS

Class of 2026

Dalhousie Medicine New Brunswick welcomed the Class of 2026 September 9, 2022, at the annual First Light Ceremony. Hosted at the Delta Saint John, the ceremony featured special guests like keynote speaker Dr. Lyndsay Russell, community pediatrician at the Dr. Everett Chalmers Regional Hospital and graduate of the inaugural DMNB class, Elder Ramona Nicholas, Dr. David Anderson, Dean, Faculty of Medicine, and many more.

Traditionally, the First Light Ceremony welcomes students to the profession of medicine and studies in New Brunswick

Hosted by Dr. Lisa Sutherland (Assistant Dean, DMNB Student & Resident Affairs), the evening featured speeches by Dr. David Anderson (Dean, Faculty of Medicine) and Dr. Jennifer Hall (Associate Dean, DMNB) – two individuals integral to the Class of 2026's undergraduate medical education. Following welcome remarks, the ceremony included Elder Ramona Nicholas, from the community of Neqotkuk and Wolastoqey Grand Council Member, for a land acknowledgment.

As is tradition, Dr. Hall and Dr. Anderson lit the DMNB Asklepion Torch for the Class of 2026 to light their candles and carry their ceremonial torch. Once again, the segment was enriched with a video performance by Heartbeat!, the DMNB choir. Throughout the ceremony videos of each teaching sites introduced and highlighted the features of a distinctly New Brunswick educational base.

Dr. Sutherland's opening remarks reminded students as they embark on their journey into medicine, "there is a commitment to equitable service to lifelong learning about the rich tapestry of cultures, practices, and traditions," echoing the renewed commitment of Dalhousie University to provide socially responsible medical education.

Orientation for the Class of 2026 also included 4-days of sessions with their peers at the Dalhousie Medicine Nova Scotia campus. This shift proved to be a positive change for the class members in forming connections as a group. Orientation sessions like shared between DMNB and DMNS have not occurred since 2019. These sessions included modules centred on equity, diversity, inclusion, and accommodation (EDIA), and provided an opportunity to begin discussions about social responsibility, diversity and advocacy at the beginning of the students' medical education journey.

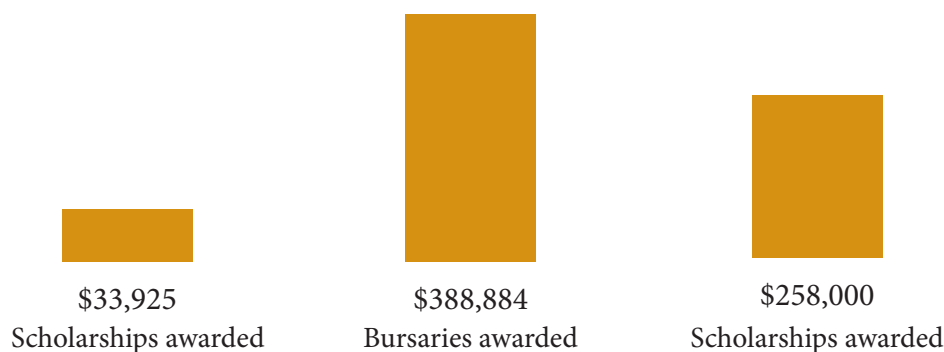


The DMNB Class of 2026 with Dr. David Anderson (far right) and Dr. Jennifer Hall (far left).

Funding Awarded to DMNB Students

In the 2021-2022 academic year, DMNB students received **a total of \$680,809** in funding.

The New Brunswick Medical Education Foundation continues to be a leading support for DMNB students. This year, out of the 66 scholarships awarded at their 13th annual scholarship reception on October 20, 2021, 37 of those went to Dalhousie Medicine New Brunswick students.

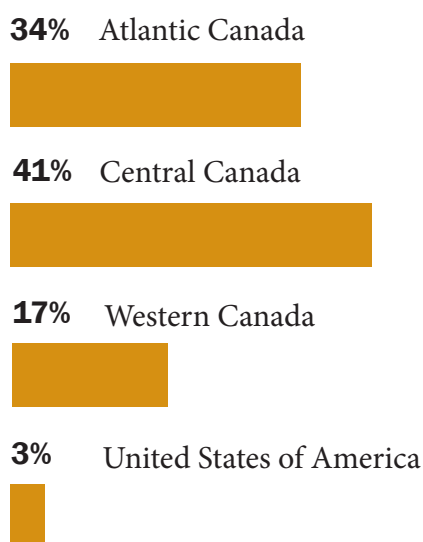


CaRMS

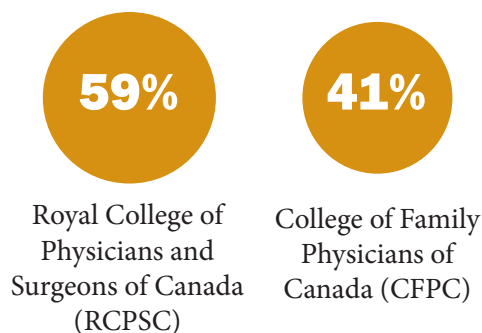
In May 2022, 31 DMNB students participated in the Canadian Resident Matching Service (CaRMS), Canada's post-graduate medical training application, selection, and matching system.

Of the students who applied, 94% matched to a residency program in Canada in the first round of CaRMS and the remaining 7% matched in the second round of CaRMS.

Where DMNB Graduates Go for Residency



Residency Programs



The number of DMNB Class of 2022 students who will be carrying out their residency in New Brunswick

Class of 2022

On May 20, 2021, Dalhousie Medicine New Brunswick celebrated the culmination of the DMNB Class of 2022's four years of undergraduate medical education in their home province of New Brunswick with the 9th annual Launch Ceremony, which took place in-person at the Imperial Theatre in Saint John, NB and was livestreamed to allow family, friends, stakeholders to join in the celebration.

The ceremony included a land acknowledgment by Elder Dr. Imelda Perley and remarks from guest speaker Dr. Sarah Gander (Social Paediatrician, Associate Professor, Dalhousie University).

This year's Launch Ceremony included special virtual messages from:

Dr. David Anderson (Dean, Dalhousie Faculty of Medicine)

Hon. Trevor Holder (Minister, Post-Secondary Education, Training, and Labour)

Dr. Jennifer Russell (Chief Medical Officer of Health, Public Health NB)

This year's Launch Ceremony awards included:

Anchor Award: Pam Murphy – Awarded by the graduating class to the individual who has made the most significant contribution to their experience at DMNB.

Best in Class Award: Dr. Daniel Hines – Determined annually by the students in the first and second year of their medical program. The recipient is selected as having demonstrated an outstanding commitment to and passion for teaching excellence while exemplifying the best characteristics of a skilled tutor.

Resident Teaching Award: Dr. Mark McGraw and Dr. Anu Ananth – Awarded to the residents the graduating class feels have most significantly contributed to their medical education clerkship careers.

Builder's Award: Luke MacLeod – Awarded by DMNB staff to the graduating student they feel has made the greatest contribution to Dalhousie Medicine New Brunswick.

Director's Choice Clinical Skills Award: Scott Clarke – Awarded by the director of the Skilled Clinician Course to a graduating student who has demonstrated excellence in their clinical skills.

Stefan Mildenberger Award in Social Pediatrics: Naythrah Thevathasan and Jacqueline Mincer – Awarded to a graduating DMNB student who has demonstrated exceptional contributions to social pediatrics during their medical school years.

Humanities Award: Margaret Stephenson. Awarded to a graduating DMNB student who has demonstrated the attributes of humanism during their training and contributed to the concept and spirit of the Humanities in Medicine.

Humanities Award: Fostering Professional Identity: Miranda Lees – Awarded to a graduating DMNB student who has demonstrated the attributes of professionalism, community service, and teamwork during their training through the Humanities Program at Dalhousie Medicine New Brunswick.

Dr. John M. Steeves Research in Medicine (RIM) Award: Ryan Buyting – Awarded to a graduating DMNB student in recognition of excellence in the completion of the four-year course in Research in Medicine (RIM) at

Dalhousie Medicine New Brunswick.

Dr. Mahesh Raju Internal Medicine Award: Luke MacLeod – Awarded to the graduating DMNB student with the highest academic standing in Internal Medicine who has matched to an Internal Medicine program.

LICD Highest Academic Standing Award: Tatum Burdo – Awarded to a graduating DMNB student who achieved the highest academic standing among the students assigned to a LICD site in New Brunswick.

Award of Excellence in Family Medicine: Tiffany Brooks – Awarded to the graduating DMNB student(s) for having the highest academic standing in Family Medicine and who matched to Family Medicine in the Maritimes.

Award for Excellence in Geriatric Medicine: Jacqueline Mincer – Awarded by the Saint John Regional Hospital Geriatrics Department to a graduating DMNB student who demonstrates aptitude and excellence in the field of Geriatric Medicine.

Award for Excellence in Internal Medicine: Gabrielle Hibbert – Awarded by the Saint John Regional Hospital Internal Medicine Department to a graduating DMNB student who demonstrates aptitude and excellence in the field of Internal Medicine.

Dr. Paul Handa Excellence in Nephrology Award: Valancy Cole – Awarded on behalf of Dr. Paul and Mrs. Eileen Handa to a graduating DMNB student who demonstrates aptitude and excellence in the field of Nephrology.

Award for Excellence in Emergency Medicine: Patrick Price – Awarded by the Saint John Regional Hospital Emergency Medicine Department to the graduating DMNB student(s) who demonstrate(s) aptitude and excellence in the field of Emergency Medicine.

Award for Excellence in Surgery: Scott Clarke – Awarded by the Saint John Regional Hospital Surgery Department to a graduating DMNB student for having the highest academic standing in surgery and who matched to a surgery program.

Award for Excellence in Physical Medicine and Rehabilitation: Luke MacLeod – Awarded by the Stan Cassidy Centre for Rehabilitation to a graduating DMNB student who demonstrates exceptional skills and enthusiasm in Physical Medicine and Rehabilitation.





Convocation

On May 24, the DMNB Class of 2022 officially became Doctors of Medicine during the Dalhousie Medicine Class of 2022 Spring Convocation in Halifax – the first one to take place in-person since 2019.

This year marked the return of several in-person convocation-related events, including a reunion for the Class of 2020 who missed the opportunity to celebrate their in-person convocation due to the pandemic.

At the awards ceremony, DMNB students won a total of 5 awards:

Dr. N. N. Isa Achievement Award: Ryan Buyting – Awarded to an undergraduate medical student who excels during their core rotation in the Department of Obstetrics & Gynecology at the Saint John, New Brunswick location.

Dr. Robert & Mrs. Dorothy Forsythe Prize: Jacqueline Mincer – To provide an annual prize to a graduating medical student who has demonstrated a strong aptitude and interest in mental health through clinical, research, or volunteer endeavours. Preference to be given to students from New Brunswick.

Dr. Leonard Kay & Simon Levine Scholarship: Tiffany Brooks – To provide an annual scholarship to a fourth-year medical student who is pursuing studies in Family Medicine. The recipient is to be selected on the basis of academic excellence.

The Albert A. Schwartz Prize in Orthopedics: Alynne Edmondson – Awarded to a graduating medical student who has demonstrated aptitude and excellence in Orthopedics.

Earle Family Prize: Amar Bhardwaj – To provide an annual prize to one or more students who have demonstrated the skills necessary to practice rural medicine in New Brunswick.



Curriculum

CLINICAL EDUCATION UPDATE



This was another busy and eventful year for Clinical Education at DMNB. Although the impacts of the Covid-19 pandemic have moderated, there has been a noted increase in student and faculty absence due to illness and protocol. It is anticipated that this will form part of a “new normal” going forward; I must say that, from a wellness and patient safety perspective, the “old normal” of going to work/training in patient care settings while ill with a potentially contagious respiratory illness was certainly due for a reboot. The revaluated standards will likely be one of the unexpected yet sustained benefits of the pandemic- not expecting individuals to work when they are ill!

Once again, the AFMC decided to suspend visiting electives for fourth-year students to outside institutions; this resulted in all Dalhousie students having to complete their elective experiences at Dalhousie-affiliated institutions.

I wish to extend a heartfelt thank you to all clerkship coordinators, directors, and faculty across New Brunswick who were prompt and accommodating!

Our dedicated Clerkship Site Directors and Saint John Based Clinical Clerkship directors continue to go above and beyond to offer our students excellent clinical learning opportunities despite ongoing challenges. In preparation for the Undergraduate Medical Education midterm accreditation review, both Site and Clinical Clerkship Directors were instrumental in assuring that each educational objectives are met in the clinical environment.

This year also saw the establishment of a new position at DMNB- the Simulation Education Project Manager Craig Smith has been extremely active in the inauguration of this role, visiting and establishing relationships with all clinical teaching sites across New Brunswick, with Simulation leads within Horizon Health Network, and with our counterparts in Nova Scotia. Craig has provided technical and operational support for simulation activities and is heavily involved with planning for new initiatives - we are pleased to have him in this position.

As we continue to navigate a global change in healthcare and education, I am pleased to have such a dedicated and dynamic group of educators working with the next generation of healthcare professionals.

Robert Boulay MD, CCFP
Assistant Dean Clinical Education DMNB

LECTURES DELIVERED

Dalhousie Medicine New Brunswick is aiming to have 25% of all lectures for the undergraduate medical education program delivered from New Brunswick. Faculty development and engagement at our distributed sites is a major component of the numbers.

of Overall Lectures Delivered by New Brunswick Faculty (Med 1-4)

Year	2020-2021	2021-2022	Trend
Med 1	65	42	↓
Med 2	20	24	↑
Med 3	18	6	↓
Med 4	11	9	↓

* Numbers decreased due to moving some sessions to webinars and other online modules.

Tutorial Facilitation



114

=

New Brunswick Faculty
Involved as Tutors

Research

ASSISTANT DEAN, DMNB RESEARCH UPDATE



Research within the Faculty of Medicine in New Brunswick continued to recover and grow through 2021-2022. Our research council established terms of reference, creating a collaborative forum for health and medical research strategy, our research laboratory was able to fully re-open in 2021-2022, our graduate students were once again able to meet in person, and we expanded our research groups to five, adding a digital health research and innovation group. Once again we saw some staff changes, with the temporary departure of Jennifer Skinner on parental leave and the arrival of Kim Wilms as her replacement as research manager. Congratulations Jennifer and welcome Kim!

We were deeply shocked and saddened by the unexpected and sudden passing of our colleague Dr. Sohrab Lutchmedial in late 2021. Sohrab continues to be missed as a leader and innovator in cardiovascular medicine in Atlantic Canada, as well as a mentor for many in our research family.

It has been satisfying to see the continued growth of our Dalhousie Medicine New Brunswick Research Council, providing a forum for discussion, collaboration, and

problem solving for Faculty of Medicine researchers across the province.

The DMNB Research Council supports five main groups:

1. Discovery Science Research Group, chaired by Dr. Thomas Pulnikunnil
2. Health Services Research and Population Health Group, chaired by Dr. Daniel Dutton
3. Clinical Research Group, chaired by Dr. Pamela Jarrett
4. Educational Research Group, chaired by Dr. Kavish Chandra (chair elect Julie Easley)
5. Digital Network Solutions Group, chaired by Dale Vandenborre

The past academic year has seen continued strategic planning within the Faculty of Medicine and the Medical Research Development Office. We are confident that the updated strategic plan will acknowledge the strengths and potential for growth for medical research at DMNB.

In collaboration with our colleagues in Halifax, 2021-2022 saw the successful launch of the Research Colloquium, which included three mentor-mentee teams from our New Brunswick faculty.

Locally, we have continued to work closely with our colleagues at the University of New Brunswick, Horizon Health Network, New Brunswick Community College, and the New Brunswick Research Foundation supporting developments such as the Integrated Health Initiative, and the proposed Health and Technology District.

The research teams that make up our groups have worked innovatively over the past year and have made many notable achievements including grants, prizes, scholarships, national and international presentations and publications.

We were pleased to be able to re-institute our annual celebration of research at our Research Celebration Dinner in the spring of 2022, when we were able to acknowledge many of these achievements in person.

Dalhousie Medical Research Foundation Lewis and Atkinson Award for Emergency Medicine and Point of Care Ultrasound - Eric Plant and Daniel Hanscom for their PoCUS Club initiative.

Dalhousie Medical Research Foundation annual grant of \$100,000 to support research and research teaching efforts of the Faculty of Medicine at DMNB:

- Dr. Kimberley Barker and Michelle Reddin for their “Newcomer Health Clinic” project Department of Biochemistry & Molecular Biology.
- Dr. Keith Brunt, Thomas Pulinilkunnil, Tony Reiman, and Petra Kienesberger for quantitative protein imaging equipment and software to support biomedical and translational research that goes beyond cardiometabolic and oncological sciences, encompassing broad applications in diverse biomedical research areas, including inborn error of disease research, nanomedicine, and immunology
- Dr. Pamela Jarrett, Dr. James Wagg, and Joshua Shanks for their “Outcomes in Older Adults with Isolated Hip Fractures: An Analysis of Frailty and the Outcomes of Isolated Hip Fractures in Older Adults at the Saint John Regional Hospital”

We were pleased to continue to provide enhanced funding through the Chesley Family research fund, again matched by the New Brunswick Health Research Foundation (NBHRF) with winning proposals from teams led by Dr. Kavish Chandra and Dr. Duncan Webster.

Other notable funding awards were won by Dr. Dutton and Brunt.

Our faculty were honoured with several prestigious NBHRF researcher awards this year, with each receiving “Researcher of the Month”.

October 2021 – Dr. Daniel Dutton
January 2022 – Dr. Shelley Doucet (Adjunct)
February 2022 – Dr. Paul Atkinson
April 2022 – Dr. Stephen Lewis
June 2022 – Dr. Edward Abraham
July 2022 – Dr. Alli Murugesan (Adjunct)
August 2022 – Dr. Keith Brunt

We would also like to acknowledge the following

achievements by DMNB researchers during the 2020/21 academic year:

- Dr. Logan Slade obtained his PhD in Biochemistry. Dr. Slade was supervised by Dr. Thomas Pulinilkunnil, Department of Biochemistry & Molecular Biology.
- Three of our faculty, Drs Sarah Gander, Jean-Francois Legere, and Pam Jarrett were awarded NBHRF Clinical Research Scholarships.

In terms of publications, it was a busy and productive year, with 66 peer-reviewed publications recorded by DMNB researchers across the spectrum of topics addressed by our faculty and representing significant outputs within each research group at DMNB. This high level of research output represents our work nationally and internationally, and impacts biomedical and medical science significantly.

I wish to thank all who continue to contribute to our research program within the Faculty of Medicine here in New Brunswick, and we look forward to continued DMNB research success in the 2022-2023 year.

Respectfully submitted by,

Dr. Paul Atkinson, MB, MA, FRCPC
Assistant Dean Research, DMNB

RESEARCH ACTIVITY 2021-2022

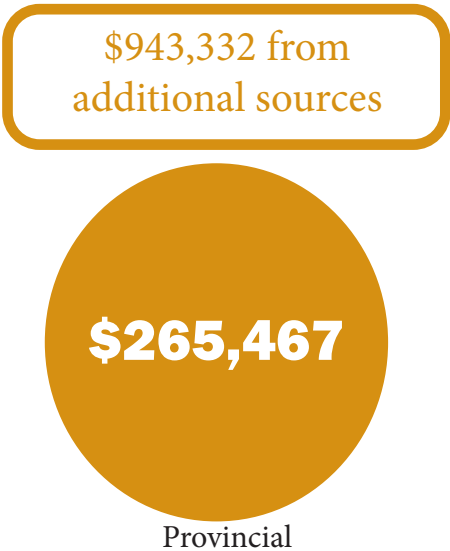
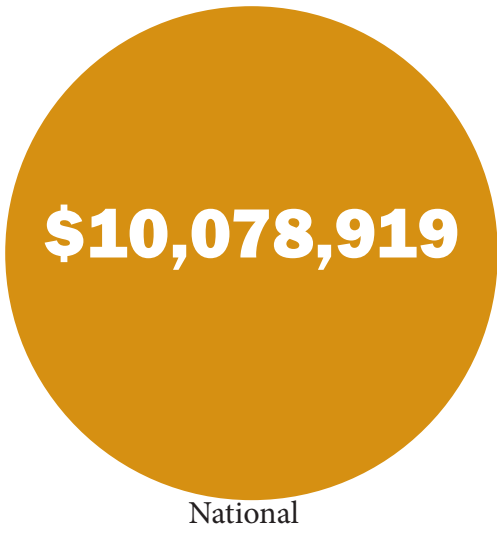
Research Staff & Trainees

Full Complement of DMNB
Research Staff and Trainees
Total Count as of Sept 30, 2022

Principal Investigators (PIs)	5
Senior Scientists	2
Post-Doctoral Researchers	3
PhD Students	4
MSc Students	8
Summer Students	8
Volunteers	10
Grant-Paid Staff	16

Funding Awarded to DMNB Investigators

\$11,287,718
In total



As Principal Applicants

New Funding Awarded During the Period, Reflected as Full Grant Amounts

\$6,988,881

As Co-Applicants

New Funding Awarded During the Period, Reflected as Full Grant Amounts

\$3,703,892

Publications by DMNB Investigators

66^{*}

Total Papers

^{*} Publications were co-authored
by multiple DMNB Investigators

Research Funding Awarded (PIs Only)

Publications by PIs (Peer-Reviewed): 38

19 Dr. Tony Reiman



7 Dr. Keith Brunt



4 Dr. Dan Dutton



2 Dr. Thomas Pulinilkunnil



2 Dr. Petra Kienesberger



Presentations by PIs

Dr. Petra Kienesberger	2
Dr. Thomas Pulinilkunnil	1
Dr. Dan Dutton	2
Dr. Keith Brunt	-
Dr. Tony Reiman	-

Serving and Engaging Society

PUBLIC ENGAGEMENT

Volunteer and Simulated Patient Recruitment

DMNB programs are dependent on engaging community volunteers and other members of the community who enable students to develop their clinical skills.

In the 2021-2022 academic year, 108 simulated patients remained active with 13 new; 21 parent and tot families remained active with 12 new; and 125 volunteer patients (with and without clinical findings) remained active with 9 new.

Simulated Patients (SPs)

Volunteer Patients (VPs)



COMMUNITY INVOLVEMENT

Service Learning Program

Dalhousie Medicine is committed to educating life-long learners who understand the integral role of social accountability and community advocacy in the field of medicine. One such way this mandate is integrated into the curriculum is through the Service Learning Program. Each year, interested Med II students can apply to the optional longitudinal unit which connects learners to specific communities to gain valuable experiential learning opportunities. Accepted pre-clerkship students must be matched to an applicable community program and complete the preparations, community-based orientations and experiences, critical reflection, debriefing and program evaluations set by a syllabus shared by both DMNB and DMNS. This syllabus has been crafted in partnership of the Service Learning Leadership Team, the Med I and II Committee and the Undergraduate Medical Education Committee with the objectives of:

1. Enhancing students' learning by enabling them to practice skills and test classroom knowledge through related service experiences in the community;
2. Enabling students and community partners to engage in experiences that create reciprocal learning opportunities that are informed by the priorities of the people served by the community partner organization;
3. Creating opportunities for students, Faculty, staff and community partners to contribute to the Faculty of Medicine's commitment to social accountability and the Faculty's strategic pillar of Serving and Engaging Society;
4. Assist faculty in their role as facilitators of service learning and in their engagement with the community;
5. Provide leadership training and scholarly activity to advance service learning in the Faculty of Medicine with our community partner organizations.



In the 2021-2022 academic year, DMNB students worked with the following community partners:

1. Avenue B Harm Reduction
2. Big Brothers Big Sisters
3. Centre for Research Education and Clinical Care of At Risk Populations
4. First Steps
5. Fresh Start
6. Hestia House
7. NaviCare/SoinsNavi
8. Saint John Human Development Council
9. Special Olympics New Brunswick
10. St. Joseph's Community Health Centre (Sexual Health Centre)
11. Teen Resource Centre, Pathways to Education Program

Community Dontations

\$1,515 for the Saint John, Kings, and
Charlotte County United Way Chapter

\$2,308 for the 2021 Harbour Lights Campaign

Doctor for a Day at DMNB

The fifth Doctor for a Day at DMNB event in partnership with the Under One Sky Friendship Centre and the Dalhousie University Indigenous Health in Medicine program took place virtually on Friday, March 25 with 12 New Brunswick high school students in attendance.

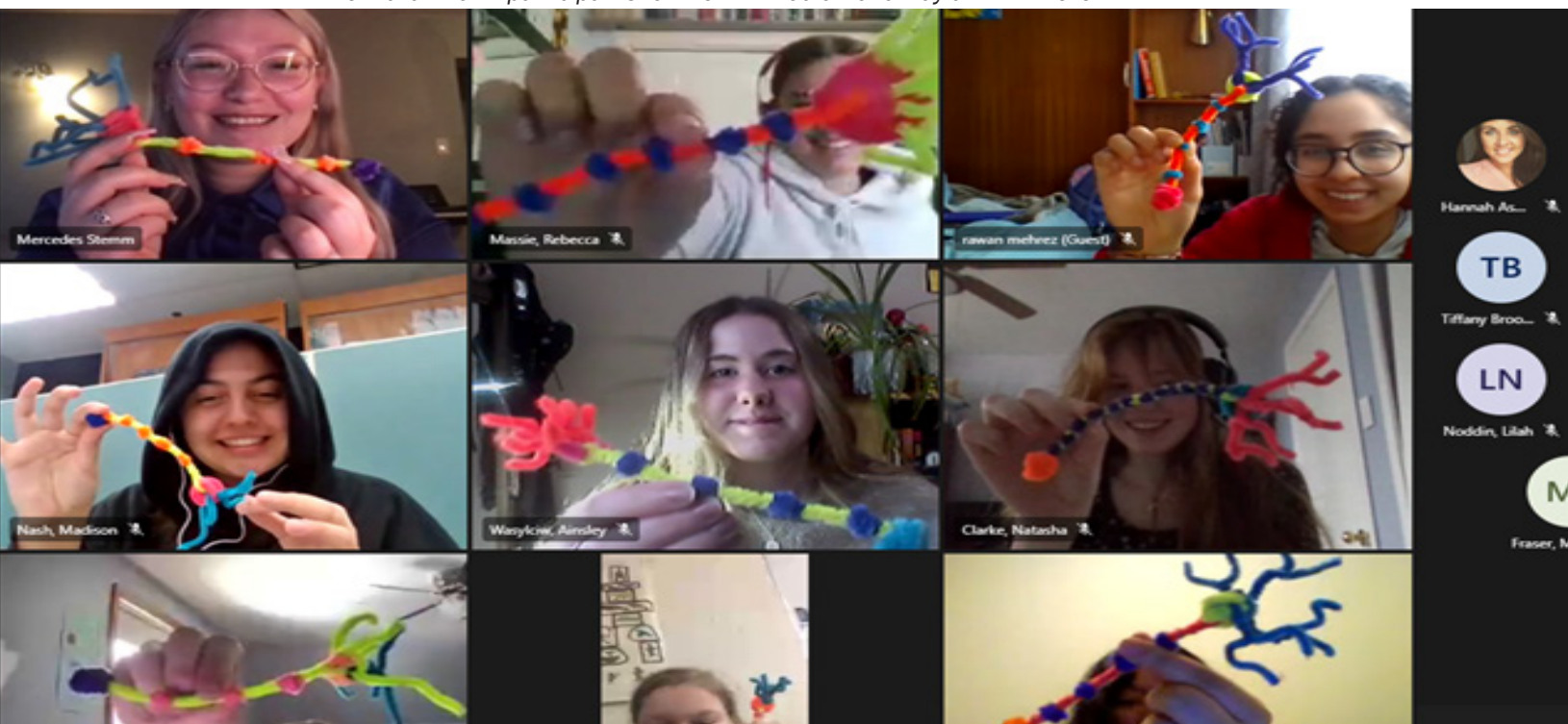
This year the event was framed as a three and a half hour workshop, hosted virtually via Microsoft Teams. Prior to the workshop, each participant was sent a welcome package for use throughout the session. Packages included a Workshop Schedule, materials for neuron modelling, informative handouts, a Medicine Bundle gifted by Under One Sky Friendship Centre, and a Dalhousie Medicine New Brunswick drawstring bag.

The workshop began with an opening prayer from Catherine Martin, Director of Indigenous Community Engagement. Catherine also explained the significance of the medicine pouch that was included in the students' welcome package.

The event included:

- 'Build a neuron' activity with Mercedes Stemm, Indigenous Medical Sciences Cohort Advisor at Dalhousie University.
- Neurology skills session led by DMNB students Nick Ellingwood (Class of 2024), Tiffany Brooks (Class of 2022), and Jenny Melanson (Class of 2022).
- Q & A period with Dr. Brent Young, Dr. Meghan Beals, and Tiffany Brooks for the perspective of a doctor, a resident, and a medical student.

The March 2022 participants for the fifth Doctor for a Day at DMNB event.



Organization, Operational and Fiscal Renewal

FACULTY

Faculty Development Program Overview

- **Fac Dev Lounge Podcast:** The DMNB-led Fac Dev Lounge podcast series, hosted by Dr. Sarah Gander, developed and released 12 episodes in the 2021-2022 academic year.
- **Faculty Development Sessions:** From September 2021 to August 2022, DMNB Faculty Development developed and delivered 12 faculty development sessions.
- **DMNB Faculty Development Half Day (June 3, 2022):** Developing Skills to Engage Students in the Learning Process. Dr. Wendy Stewart and Dr. Keith Wilson targeted to meet faculty development needs of pre-clerkship teaching faculty, this interactive half-day session was delivered via MS Teams.
- **Teaching Faculty Spotlight:** The DMNB Faculty Development team developed a quarterly teaching faculty spotlight featuring DMNB teaching faculty. Dr. Pamela Jarrett was featured in the first edition.
- **Case-Based Tutor Preparation Program:** In the 2021-2022 academic year, an online, asynchronous Case-Base Tutor Preparation Program was developed and implemented for all new and returning tutors. The program is seeing positive feedback and participation, providing the opportunity for faculty to identify additional faculty development needs related to teaching medical learners.
- **Teaching Certificate:** Dalhousie Medicine Certificate in Clinical Teaching (CCT) program was launched. Promotional information prepared in partnership with Dal communications and shared widely with Dal clinical faculty resulted in great success.

Faculty Development Program Overview

Med 1 & 2 Core Curriculum Teaching Faculty *

140

46

Med 1

+

94

Med 2

9

New

+

131

Returning

* Includes Med 1 and 2 case-based tutors and skilled clinician tutors.

Staff

STAFF

Staff Recruitment



Rebecca Comeau
Student and
Resident Affairs
Coordinator



Kimberly Wilms
Operations Manager of the
Research Unit (Interim)



**Patricia (Tricia)
Biggins**
Med 1 Curriculum
Coordinator



Melissa Budd
Operations Manger



Alicia Dunlop
Simulated Patient
Educator.



Tara Allison
Team Lead Clerkship
Coordinator group



Craig Smith
Simulation
Education Project
Manager

Staff Goodbyes



Pam Murphy
Student & Resident
Affairs Coordinator



**Stephanie
Rutherford**
Simulated Patient
Educator



JoAnne Burke
Med 2 Curriculum
Coordinator



Debbie Lutes
LICD Curriculum
Coordinator URV

Celebrating Staff



Anchor Award Pam Murphy

Awarded by the graduating
class to the individual who
made the most significant
contribution to their
DMNB experience



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