2021-22 ANNUAL REPORT

AFMC

AFMC THE ASSOCIATION OF FACULTIES OF MEDICINE OF CANADA

The **voice of academic medicine** in Canada

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LETTER FROM THE CHAIR OF THE BOARD AND PRESIDENT & CEO





The environment we live and work in continues to be fraught with uncertainty, challenges, and extreme pressures. This has taken a toll on the health and well-being of learners, faculty members, staff, educators, researchers, and physicians. The adage “there is strength in numbers” comes to mind as we try to describe the last year in words. Our successes would not have been possible without the support, contributions, and partnerships of so many within academic medicine. The strength of our association lies in our ability to come together and leverage our collective leadership to advance and support the mandates of our medical faculties.

This year’s annual report highlights the opportunities seized to bring forward change, address key priorities and support our people.

A key milestone for AFMC this year is the creation of the Standing Committee on Social Accountability. We took a purposeful approach in the establishment of this group by recruiting a public member and developing a mandate that focuses on eliminating barriers and providing tools and resources that support all faculties to be safe spaces free of racism and mistreatment. The Standing Committee on Social Accountability ensures reporting relationships align to the work of the AFMC Indigenous Health Committee, the Committee on Equity, Diversity, Inclusion and Anti-Racism, the Network on Distributed Medical Education, the Network on Admissions, and the Network on Social Accountability.

To compete as a global leader in research and to provide maximum benefit to Canadians, we must embrace collaborative and integrated science research on a national scale. AFMC engaged with the research community to bring the National Health Research Strategy to life by creating the National Health Research and Innovation Coalition.

A major advancement that took place this year is that the Committee on Accreditation of Canadian Medical Schools (CACMS) became the sole agency for the accreditation of Canadian MD programs. This will allow CACMS to adapt its processes, documents, and requirements to Canadian values and contexts. This new flexibility offers opportunities to innovate and simplify processes, all the while maintaining and enhancing a rigorous approach to accreditation.

Our profession has historically had a higher risk of personal and professional dissatisfaction, burnout and depression. We heard loud and clear from participants involved in the Culture of Academic Medicine Initiative that the pandemic has only exasperated the factors that contribute to toxic environments in academic medicine. With the unanimous support from the AFMC Board, AFMC will be working with the faculties to implement the Okanagan Charter as part of the Culture of Academic Medicine Initiative. We look forward to sharing milestones of this initiative with you over the next year.

Another milestone coming up next year is the inaugural International Congress on Academic Medicine which will take place in Québec City from April 13-18, 2023. We were thrilled to see the excitement and support for ICAM when we announced it last fall.

We will continue to work collaboratively with our community in an effort to achieve excellence in education, research and care for the health of all Canadians.

Sincerely,

Margaret Steele,
Chair, AFMC Board of Directors

Geneviève Moineau,
AFMC President and CEO

YEAR IN REVIEW

SUMMER 2021



INTRODUCING THE ONTARIO FEE ASSISTANCE PROGRAM

The Ontario Medical School Application Fee Waiver Pilot Program, developed by the Price of a Dream, AFMC, the Council of Ontario Faculties of Medicine and the Ontario Universities' Application Centre was created to aid lower income medical school students by covering the Ontario Medical School Application Service processing fee and up to three Ontario medical school applications for the 2021-2022 application cycle.

WINTER 2022



THE AFMC FACULTY AND LEARNER WELLNESS WORKING GROUP RELEASES RECOMMENDATIONS

The AFMC Faculty and Learner Wellness working group releases recommendations for the implementation of national wellness programming for faculty, medical students, postgraduate trainees, and graduate students.

FALL 2021



SECOND VERSION OF THE CANPREPP WEBTOOL

Building on the success of last year, CANPREPP launches the second version of its webtool. CANPREPP continues to foster meaningful engagement between learners and Canadian residency programs.

INTERVIEWS CONTINUE TO BE IN A VIRTUAL FORMAT FOR THE 2023 RESIDENT (R-1) MATCH

The 2023 match timeline is released and interviews will continue to be exclusively conducted in a virtual format.

2021 KEY FINDINGS FROM GRADUATION QUESTIONNAIRE ARE RELEASED

The AFMC Graduation Questionnaire (GQ) is an annual survey designed to obtain feedback about the educational experiences of students graduating from the Medical Doctor (MD) programs at the 17 Canadian faculties of medicine. The 2020-21 academic year was fraught with uncertainty, constant changes, and disruptions. A deep dive in the data revealed that student satisfaction remained consistent during this period of change.



WINTER 2022

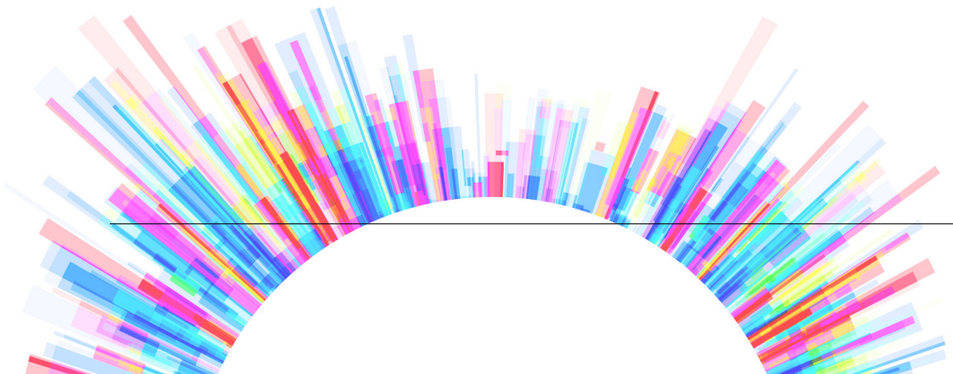
AFMC RESPONSE TO OPIOID CRISIS RELEASES WEBINAR SERIES

The AFMC Response to the Opioid Crisis project launched a free webinar series with a goal of developing a Community of Practice network. The series covered topics such as iOAT Injectable Opioid Agonist Treatment, Introduction to Medical Treatment to Opioid Use Disorder, Management of Chronic Pain in Diverse Patient Population, Physician Liability, Chronic Pain and the Elderly, and Advanced Knowledge of Pain Management.



MCAT FEE ASSISTANCE PROGRAM CONTINUES TO HELP OFF-SET COSTS FOR THE MEDICAL COLLEGE ADMISSION TEST® (MCAT®)

In our continuing efforts to support a diverse physician workforce, the AFMC in partnership with the Association of American Medical Colleges are providing financial support to Canadian students to take the MCAT®. A total of 140 awards were given this year.



SPRING 2022

AFMC RELEASES VIDEO AND INFORMATION ABOUT THE INTERNATIONAL CONGRESS ON ACADEMIC MEDICINE (ICAM)

ICAM is a new chapter in our story. It is the first international gathering dedicated to academic medicine and will be a congress that is unparalleled in scope, providing unique opportunities to address the emerging global issues in health as related to academic medicine.

AFMC LAUNCHES EIGHT NEW AWARDS

For the past 28 years, the AFMC Awards have recognized and celebrated distinguished individuals for their leadership, excellence, and achievements in academic medicine. AFMC has created eight new awards to be presented for the first time at ICAM 2023.



THE ANNUAL AFMC ADMISSIONS GUIDE IS PUBLISHED

Every year, AFMC's Data Team gathers information on admission requirements from the 17 Faculties of Medicine and publishes a free guide for prospective MD students to help them navigate the admissions process.

THE REFRESHED AFMC STUDENT PORTAL LAUNCHES AS VISITING ELECTIVES GIVEN GREEN LIGHT TO RESUME

Visiting electives, including international electives, will be allowed starting in the Fall of 2022, for the Class of 2024, according to each school's capacity and schedule. AFMC undertook a refresh of the Student Portal during the hiatus and launched the new Portal in May 2022.

Student Portal
Portail étudiant



OUR IMPACT

We collaboratively lead and deliver a highly responsive system of medical education and research aligned with the health needs of all Canadians, and driven by the highest standards of quality, excellence, and social accountability.

OUR IMPACT

Creation of a new Standing Committee on Social Accountability



- Inclusion of a public member
- A focus on the elimination of barriers in admissions to medical school
- Reporting relationships align to the work of the Indigenous Health Committee, Committee on EDI and Anti-Racism, Network on Distributed Medical Education, Network on Admissions and Network on Social Accountability

Work towards the creation of resources in priority curricular areas along the medical education continuum and support faculty development



- PLANETARY HEALTH
- ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND HEALTH SYSTEMS
- VIRTUAL CLINICAL MEDICAL EDUCATION

Engagement of key partners to develop a National Health Research strategic agenda and plan



- **5** MEETINGS HELD
- **15** PARTNERS ENGAGED
- **1** COALITION CREATED

Support for aspirants by reducing barriers to medical school



- **150** AWARDS GIVEN as part of the Ontario Medical School Application Fee Waiver Program
- **140** AWARDS GIVEN as part of the MCAT® Fee Assistance Program

Canadian MD programs are now solely accredited by the Committee on Accreditation of Canadian Medical Schools (CACMS)



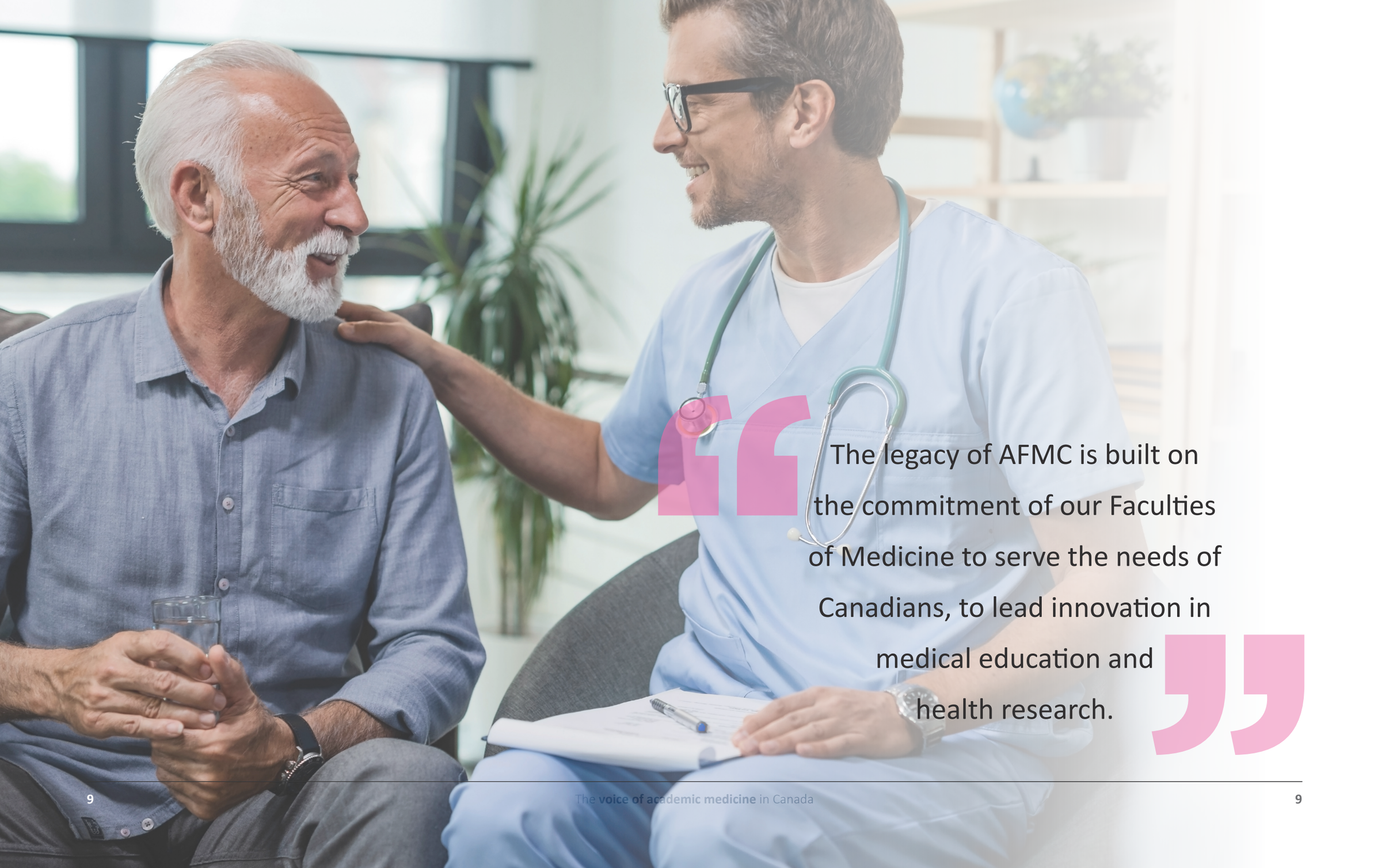
- A major advancement in the evolution of CACMS accreditation
- CACMS is now free to adapt its processes, documents, and requirements to Canadian values and contexts.
- This new flexibility offers opportunities to innovate and simplify processes, all the while maintaining/enhancing a rigorous approach to accreditation.

SUPPORT FOR HEALTHY LEARNING AND WORK ENVIRONMENT



10 Recommendations for Faculty and Learner Wellness

1. **MENTORSHIP**
   Establish mentorship programs for all levels of learners and faculty members
2. **WELLNESS LEADERSHIP**
   Include wellness for the entire community in the administrative leadership at each Faculty of Medicine
3. **WELLNESS RESEARCH**
   Conduct focused research to develop a comprehensive understanding of the current situation with respect to faculty and learner wellness
4. **OUTCOME MEASURES**
   Develop national wellness goals and outcome measures
5. **COLLABORATION**
   Participate in enhanced collaboration and communication with the multiple stakeholders engaged in wellness initiatives
6. **SUPPORT DURING TRANSITIONS**
   Provide educational preparation and support to learners and faculty as they move from one stage to the next
7. **ADDRESSING MISTREATMENT**
   Have a specific policy and process to address any issues of learner or faculty mistreatment, with an accessible and secure means of reporting
8. **ACCESS TO RESOURCES**
   Provide access to supportive resources for all learners and faculty at both their home institution and at distributed sites
9. **HEALTH PROMOTION/ WELLNESS**
   Apply a consistent health promotion and wellness lens, and evaluate across all programs and policies
10. **REPORTING ON PHYSICIAN WELLNESS STRATEGIES**
    Each Faculty of Medicine's Dean will report on the implementation of their faculty and learner wellness strategies on a biannual basis to the AFMC Board of Directors



> The legacy of AFMC is built on the commitment of our Faculties of Medicine to serve the needs of Canadians, to lead innovation in medical education and health research.

SOCIAL ACCOUNTABILITY

THE LAUNCH OF THE AFMC STANDING COMMITTEE ON SOCIAL ACCOUNTABILITY

In late 2021, the AFMC Board of Directors (the Board) established a new Standing Committee on Social Accountability (SCSA) as part of the AFMC's 2021-2023 strategic plan to reflect the addition of social accountability as a new key priority alongside education and research. The role of the SCSA is to develop, advise and recommend to the Board approaches and methods by which AFMC will achieve its mission and vision through socially accountable outcomes and actions. The main responsibilities of the SCSA includes developing a national social accountability framework, supporting the development of tools and resources that enable all faculties to be safe spaces, advocating for the elimination of barriers in admissions, and overseeing the implementation of the recommendations of the AFMC Joint Commitment for Action on Indigenous Health (JCAIH).

The SCSA is currently chaired by Board member Dr. Julien Poitras, Doyen, Faculté de médecine at Université Laval, who is joined on the committee by three other Directors from the AFMC Board. To support interconnectedness and cross-collaboration, one of the four directors is also a member of the Standing Committee on Education, and another is a member of the Standing Committee on Research. The SCSA membership further includes the chairs of the AFMC's committees and networks that report into and are resourced through the SCSA. These include the Indigenous Health Committee, the Social Accountability Network, the Committee on EDI & Anti-Racism, the Admissions Network, the Francophone Minorities Network, the Global Health Network, and the Distributed Medical Education Network. The SCSA membership also includes a public member with experience providing a broad community perspective for discussion and decision-making, with special attention to the parts of Canadian society that are structurally marginalized.

After the initial construction of the SCSA and their first meeting held in September 2021, many important initiatives have been launched and are underway. This includes the development of an action-focused framework for national action and guiding principles to assist Canadian medical schools in advancing social accountability. Additionally, the SCSA is tasked with advancing the Future of Admissions in Canada Think Tank (FACTT) recommendations and this year developed a position statement on the use of the Medical College Admission Test® (MCAT®) as an unnecessary barrier to admissions to Canadian medical schools.



PROMOTING A POSITIVE CULTURE IN ACADEMIC MEDICINE

How would you define the culture of academic medicine? That was a question AFMC asked physicians, leaders, learners, patients, and medical educators as part of an environmental scan on the culture of academic medicine in Canada. Toxic, hierarchical, competitive – those were some of the attributes that came to mind for most individuals. Incivility in the clinical, learning, research, administrative and educational environments of academic medicine is well-documented. What is the solution? How do we bring positive change to allow for safe spaces for all in academic medicine?

Thanks to a financial contribution from the Canadian Medical Association/Scotiabank and the Canadian Federation of Medical Students, AFMC initiated the Culture of Academic Medicine Initiative to motivate positive culture change by promoting institutional and individual level strategies.

At the individual level, AFMC will share stories of learners, educators and researchers who are making a positive impact on those around them.

The institutional approach to this initiative involves developing strategies and resources to enable implementation of the Okanagan Charter: An International Charter for Health Promoting Universities and Colleges within the Faculties of Medicine. The Charter provides institutions with a common language, principles, and framework to become health and wellbeing promoting campuses. The Okanagan Charter Collaborative was established with representants from all 17 faculties of medicine as well as representation from equity-deserving groups. A first in-person meeting will occur in the fall of 2022.

Through this initiative, AFMC seeks to encourage the institutional adoption of good practices that foster respectful and inclusive environments for the wellness of all involved in academic medicine.

ADVANCING INDIGENOUS MEDICAL EDUCATION AND LEADERSHIP IN HEALTH CARE

The National Consortium for Indigenous Medical Education (NCIME) is a partnership between the Indigenous Physicians Association of Canada, the Association of Faculties of Medicine of Canada, the College of Family Physicians of Canada, the Medical Council of Canada and the Royal College of Physicians and Surgeons of Canada. As the NCIME continues to provide leadership and support to partners, six working groups have been established to address the following priority action areas:

- Assessment of Indigenous studies, cultural safety, and anti-racism
- Anti-racism, policies, processes, and implementation support
- Indigenous student admissions and transitions
- Indigenous faculty recruitment and retention
- Improving cultural safety in curriculum
- Indigenous physician wellness and joy in work

NCIME CNFMSA

Over the past year, NCIME has continued efforts to support Indigenous leadership and Indigenous-led solutions in medical education and health service delivery. With the support of our partners, the NCIME and its priority area Working Groups have fulfilled their deliverables for the 2021-22 year. As the consortium moves into its second year of operation, there is much to reflect on and celebrate. In April 2022, the NCIME Working Groups, staff, Executive Committee and Governing Council met in person for the first time since its launch for a day of meetings in Calgary, Alberta. In addition, each group participated in a breakout meeting co-chaired by members of the Executive Committee and a resident/early-career physician. The sessions were energizing and inspiring and offered members an opportunity to network and connect face to face as they work towards changing medical education in Canada. In July, the NCIME led the Indigenous Faculty Development Forum at the international Pacific Regions Indigenous Doctors Congress, PRIDOC 2022 in Vancouver, BC. This created a space of knowledge sharing and learning among health professionals from places such as Australia, Aotearoa, Hawaii, USA and Taiwan.

The NCIME is proud to work in partnership with leading organizations to support learners and create positive change in the Canadian health care system. We look forward to continuing our work with all stakeholders to advance initiatives that support Indigenous medical learners and physicians, leading to higher quality, culturally safe care for First Nations, Métis, and Inuit in Canada.

Visit the NCIME website for more information and updates: ncime.ca

SOCIAL ACCOUNTABILITY

ONTARIO FEE ASSISTANCE PROGRAM

Developed to support medical school applicants facing financial barriers, the Ontario Medical School Application Fee Waiver Program was a pilot-program that waived awarded students the $220 OMSAS processing fee and provided free applications for up to three Ontario medical schools of their choice for the 2021-2022 application cycle.

A limited number of 150 awards was available for the pilot program. This program was collaboratively developed by the Price of a Dream (POD), the Association of Faculties of Medicine of Canada (AFMC), the Council of Ontario Faculties of Medicine (COFM), and the Ontario Universities' Application Centre (OUAC). Price of a Dream is a group of medical students, residents and staff across Canada and the United States who are helping eliminate individual and systemic financial barriers for medical school applicants from low socioeconomic backgrounds.

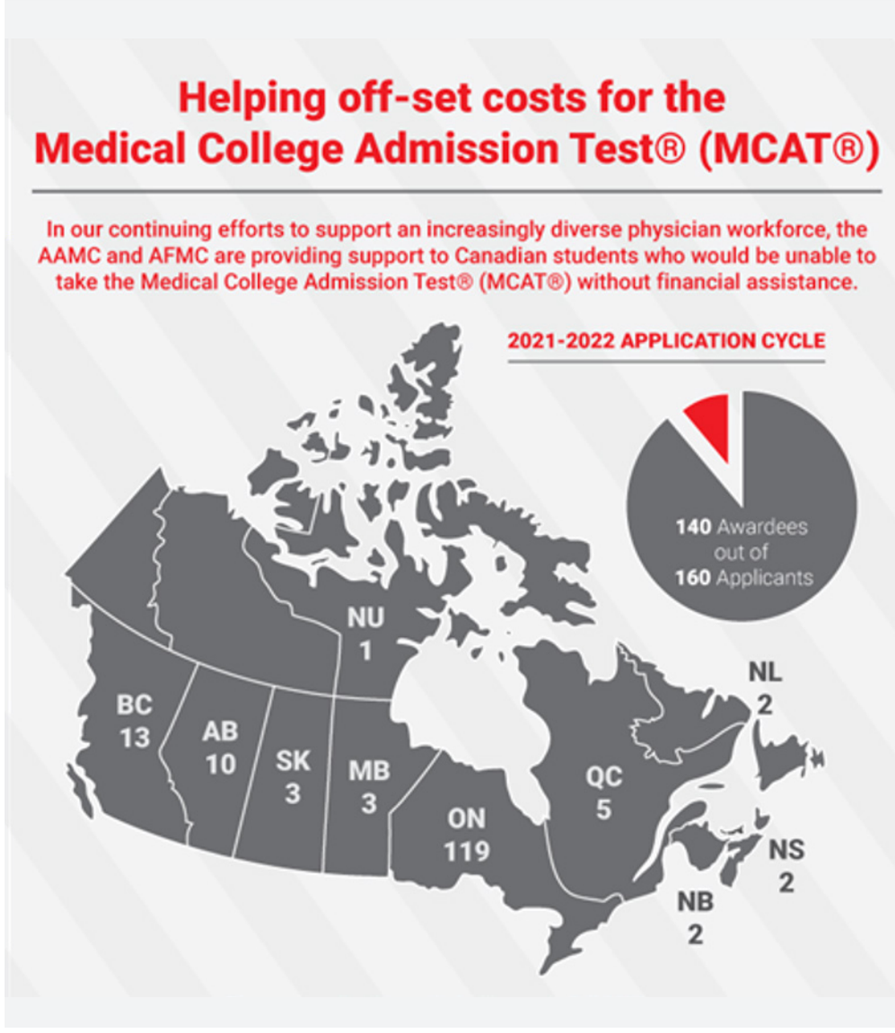
By reducing a financial barrier, the program seeks to contribute to the socioeconomic diversity of students enrolled in Canada's medical schools to ensure that the profession reflects the communities it serves; this is a necessary step toward equitably serving the Canadian population's health needs.

Applications Submitted	224
Applications Accepted	192
Students selected to receive fee assistance awards	150
Students used their registration benefits	149

MCAT® FEE ASSISTANCE PROGRAM

A lack of socioeconomic diversity within medical student bodies continues to be an issue, including medical students having significantly higher parental education, occupation, and income than the Canadian population. In our continuing efforts to support a diverse physician workforce, the AAMC and AFMC provide support to Canadian examinees in financial need who register for the Medical College Admission Test® (MCAT®) for the 2020 and 2021 testing years.





SOCIAL ACCOUNTABILITY

AFMC RESPONSE TO OPIOID CRISIS

JANUARY 2021

With support from Health Canada through its Substance Use and Addiction Program (SUAP), AFMC's Response to Opioid Crisis project received $5.2 million to develop an **Undergraduate Medical Education (UGME), Postgraduate Medical Education (PGME), and Continuing Professional Development (CPD) curriculum consisting of bilingual online modules that would address gaps in current educational offerings.**

- AFMC successfully **launched the UGME curriculum in January 2021.**

FREELY AVAILABLE AT OPIOIDS.AFMC.CA

10 MODULES

PROVIDED TO ALL **17 CANADIAN MEDICAL SCHOOLS** TO BE INTEGRATED INTO EXISTING CURRICULUM

AIMED AT **MEDICAL STUDENTS.** THE CURRICULUM IS ALSO OPEN TO THE **GENERAL PUBLIC**

MARCH 2021

- A **Simulation Playbook** of case-based scenarios based on the curriculum will be launched by **early 2023** to support future and practicing physicians.

DEVELOPED IN **COLLABORATION** with the Royal College of Physicians and Surgeons of Canada

PILOTED AT **3 SIMULATION CENTERS** ACROSS CANADA

INCLUDES **6 CASES** that use experiential learning to close gaps in the practice of future & current practicing physicians on the required competencies to diagnose, treat & manage pain, substance use & opioid stewardship

THE FINALIZED PLAYBOOK WILL BE PROVIDED FREELY TO **ALL CANADIAN MEDICAL SCHOOLS**

FEBRUARY 2022

- We are collaborating with the Center of Excellence on Partnership with Patients and the Public to develop a **Physician-Patient Partnership Toolkit**. Over 20 collaborators are working collectively to bring content together under 9 sub-headings. The Toolkit will live on the Opioids microsite and will be freely available to all. To be launched by March 2023.
- A **Community of Practice Webinar Series** ran during the last fiscal year.

5 WEBINARS (out of 6 in total – one more to be held in September 2022)

179 TOTAL REGISTRANTS took part in the webinars that have taken place thus far

WEBINARS ARE **FREELY AVAILABLE** on Queen's Continuing Ed website for participants to watch anytime

Webinars were distributed to **OVER 1400 STAKEHOLDERS** through AFMC mailing list.

JANUARY 2023

Over the last year, over 1400 participants registered for the UGME curriculum. An annual update of the content of the curriculum was conducted, and the updated free curriculum was again circulated to **all UGME Deans**. The OSCEs developed by the Medical Council of Canada back in 2021 and LearnFM MCQs for the Opioids Project were also shared with the Deans at that time. The response to this was very positive and many curriculum developers from medical schools across Canada asked to be given access to all content, which was freely granted.

- **The PGME and CPD curriculum will launch in March 2023.**

MARCH 2023

AIMED AT **PRACTICING PHYSICIANS AND RESIDENTS**

15 MODULES

A **MODULE SPECIFICALLY AIMED AT IMGS** WILL BE RELEASED AS WELL

MODULES WERE **CO-DEVELOPED WITH PERSONS WITH LIVED EXPERIENCE**

WILL BE DISTRIBUTED TO **ALL CANADIAN MEDICAL SCHOOLS**

OPEN TO ANYONE OUTSIDE OF MEDICAL SCHOOLS TO ACCESS

A **SELF-ASSESSMENT TOOL TO HELP PHYSICIANS IDENTIFY GAPS IN KNOWLEDGE** was developed in collaboration with Queen's University to be released with the curriculum

From March 21, 2022 – July 17, 2022

93 PARTICIPANTS (49 PGME; 44 CPD) piloted the PGME and CPD curriculum.

- **A Faculty Development Working Group** was created in Spring 2022 to develop tools and resources. Three – four tools will be developed by early 2023.

- The development of National assessment components continued over the last fiscal year, including:

Royal College of Physicians and Surgeons of Canada – MCQs and OSCEs

College of Family Physicians of Canada - SOOs and SAMPs.

- **Virtual Project Summit** held February 24-25, 2022 to update project stakeholders. With over **100 ATTENDEES** joining from across Canada, the meeting was attended by physicians, policy makers, medical educators, and patient partner representatives from our national partner organizations, as well as other stakeholders.

The Opioids microsite has been shared with over **3000 INDIVIDUALS.** Since analysis of the site was engaged at the beginning of April 2022, the site has been visited by over **850 USERS**.

The AFMC, with support from Health Canada, has created a wide-ranging curriculum **TOTALING 26 MODULES** across **all levels of medical education**, along with tools and resources that will allow Canadian medical students, residents and practicing physicians to be **better equipped in the diagnosis, treatment and management of pain**, in order to tackle the opioid crisis.

RESEARCH

CREATION OF THE NATIONAL INTEGRATED HEALTH RESEARCH AND INNOVATION COALITION (NIHRIC)

Last year, AFMC released a new position paper titled A National Integrated Health Research Strategy which advocated for the creation of a National Health Research Strategy. The engagement and support of stakeholders and partners in research is critical to achieve our vision. Several national health research and innovation focused organizations joined AFMC in establishing a coalition to engage with government, funders and investors. The National Integrated Health Research and Innovation Coalition (NIHRIC) aims to create a health research network that brings together academia, health organizations and industry. By working together, we can build a health research and innovation ecosystem that promotes health, better health care, and better economic outcomes for Canadians.



EDUCATION

THE EFFECTS OF SHIFTING TO VIRTUAL INTERVIEWS FOR THE RESIDENCY MATCH

A key change to the match process as a result of the pandemic was the move to virtual interviews. The AFMC Resident Match Committee (ARMC) created a virtual interview handbook for applicants to assist with the transition to virtual interviews for the residency match.

Virtual interviews support a more equitable match process. The Canadian Federation of Medical Students (CFMS) has advocated for virtual interviews to reduce the financial burden and time commitment that traveling across the country for residency interviews requires. Furthermore, the CFMS released a study on the carbon footprint of the medical resident interview tour in Canada, which found that it contributed to significant emissions.



The ARMC Match Process Evaluation Working Group conducted a learner survey to determine student behaviour and satisfaction during the 2021 R-1 match where interviews were completed in a virtual environment. Overall, 307 learners responded to the survey which was sent after match day. The results of the survey indicated that the 2021 R-1 match was a success for learners.

The vast majority **90.9%** were able to schedule all desired interviews completing an average of 8.5 interviews.

The majority of learners **82.1%** felt they were able to accurately represent themselves during the virtual interview.

Most learners **72.0%** indicated that they felt they were able to make an informed decision based on their interview experience.

VERY FEW learners indicated they had technological or interview environment issues.

SEVERAL learners expressed their preference for the virtual interview process due to its convenience, financial benefits, and higher accessibility.

DURING THE 2021-2022 YEAR, CANPREPP LAUNCHED ITS SECOND VERSION WEBTOOL MARKING ANOTHER SUCCESSFUL YEAR FOR THE CANPREPP PROJECT!

WITH **82,000** SITE VISITS

FROM OVER **50 COUNTRIES** DURING THE RESIDENCY MATCH CYCLE

MORE THAN **800** LEARNER ACCOUNTS

91% AND A **PARTICIPATION RATE** FROM CANADIAN RESIDENCY PROGRAMS

2022 OVER **550 EVENTS** THIS YEAR

CANPREPP's National Web Calendar of Events hosted over 550 events this year, supporting learners as they prepare to take the next step in their medical careers. This provided a no cost opportunity for them to learn more about Canadian residency programs across all 17 Canadian Faculties of Medicine.

In an effort to support learners in their transition to residency, CANPREPP released a 4-part blog series in the summer of 2022 titled "The Big Move". This provided helpful information to learners as they prepared for the shift to new cities and new roles as medical residents. The blog series also provided specific information about faculty trainee requirements, support for residents moving with their families, and tips on how to become familiar with their new community and colleagues. As CANPREPP continues to evolve, additional blog posts will be released on important topics for learners – stay tuned!

With the upcoming 2022-23 residency match cycle this fall, CANPREPP has been continuing to develop and improve the web-tool. Building on the successes of the first and second versions of CANPREPP, and using feedback received from learners, faculty representatives, and other stakeholders, we are continuing to shape the tool to ensure the best possible experience for both programs and learners alike. The third version web-tool will feature a new and improved calendar, additional functionality for users, a wider breadth of tools and resources for learners, improved program profile pages, and more.

The CANPREPP team is immensely grateful for the support and feedback we have received thus far and we are excited for the launch of the third version in the fall of 2022.

A message from the CANPREPP Team

CAN PREPP
CANADA'S PORTAL FOR RESIDENCY PROGRAM PROMOTION
PORTAIL PROMOTIONNEL DES PROGRAMMES DE RÉSIDENCE CANADIENS

CCME
Canadian Conference on Medical Education

RETHINKING THE FINAL YEAR OF MEDICAL SCHOOL: INVITATIONAL BOARD SESSION HELD AT #CCME2022 AND FACILITATED BY THE AFMC SENIOR EDUCATION DEANS NETWORK

Every year, the AFMC Board of Directors holds an invite-only, open forum event at the Canadian Conference on Medical Education where invitees gather to discuss a specific issue related to the AFMC's strategic priorities. The CCME 2022 AFMC Board Invitational event took place on April 23, 2022, and was a uniquely hybrid event focused on the topic of ***rethinking the final year of medical school***. This event was attended by 88 participants, joining in-person at CCME 2022 in Calgary, Alberta, as well as joining virtually via ZOOM. The event was facilitated by the AFMC Senior Education Deans (SED) Network, and co-hosted by Dr. Roger Wong, Chair of the AFMC SED Network and Vice Dean on Education at the University of British Columbia, and Dr. Beverly Adams, member of the AFMC SED Network and Senior Associate Dean of Education at the University of Calgary (at the time of the event).

It was clear from the mixed responses of participants that perspectives on rethinking the final year of medical school are diverse and varied across Canada. Based on what was heard from the participants, the AFMC SED Networkpresent in their consultation report, a summary of key observations gathered at the event which may help to be a catalyst for future change.



FAREWELL TO THE CANADIAN CONFERENCE ON MEDICAL EDUCATION (CCME)

The final CCME took place between April 23 and 26, 2022, in a hybrid format for the first time. Almost 1,000 people attended the conference, with more than 400 delegates meeting in Calgary, Alberta for four days of transformative educational sessions.

Over the years, CCME has been the place for our community to gather and connect. Delegates came together to share and experience the latest innovations and approaches in medical education, and foster relationships across the medical education community.

We extend our most sincere gratitude to the CCME national partners, College of Family Physicians of Canada, Medical Council of Canada, Canadian Association for Medical Education, and the Royal College of Physicians and Surgeons of Canada, for their collaboration over the years.





FACULTY HIGHLIGHTS

FACULTY OF MEDICINE

EDUCATION

First-in-Canada collaboration

In October 2021, Memorial University and the University of Prince Edward Island (UPEI) announced they were developing a joint Doctor of Medicine degree. This first-in-Canada collaboration between two provinces brings together the strengths of both institutions, including rural and family medicine, and increased training opportunities for future family doctors and generalist specialists across Atlantic Canada. The joint program will be primarily based on Memorial University's established curriculum, modified to expand on UPEI's educational strengths and to meet the needs of the people of PEI. The process to receive full accreditation for the program from the Committee on Accreditation of Canadian Medical Schools (CACMS), and approval from the Atlantic Advisory Committee on Health Human Resources (AACHHR) and the Maritime Provinces Higher Education Commission (MPHEC), is underway.

Supporting learners

The delivery of medical education at Memorial University was able to return to in-person delivery for many aspects of the program. Third- and fourth-year clinical learning continued with minor modifications to accommodate learners who missed portions of their clinical learning experiences due to the pandemic.

Undergraduate and postgraduate learners were supported by the Office of Learner Well-Being and Success through various programs including sessions led by staff, fellow learners and faculty focusing on wellness, peer support, financial literacy, mentorship and more.

In addition to their roles as front-line health care workers, postgraduate learners worked together to ensure appropriate distribution of work commensurate with the level of expertise and support for one another in times of need. The Postgraduate Medical Education office continue to work with all programs to launch Competence by Design by July 1, 2022. The creation of three videos with the theme: people, place and program, highlighting postgraduate medical training at Memorial is available for viewing on YouTube.

HEALTH RESEARCH

Funding for bone health research

Through funding from the Canadian Institutes of Health Research, Memorial University's musculoskeletal research expertise is growing thanks in part to a $445,000 four-year project grant received by Dr. Janna M. Andronowski, principal investigator and assistant professor of clinical anatomy in the Division of BioMedical Sciences. The funded research contributes to the growing scientific knowledge about the serious health effects of the ongoing opioid public health crisis.

First Gene for common hearing loss identified

In fall 2021, Memorial University and Western University researchers published their discovery of the first gene for a common cause of hearing loss in adults in the journal *Human Genetics*. The research discovery comes through collaborative work between Memorial's Faculty of Medicine and Faculty of Science, as well as clinical collaborators at Western University.

The researchers identified a causative gene, FOXL1, for autosomal dominant otosclerosis in an affected extended family in Newfoundland and Labrador. The same mutation was also identified in an otosclerosis case in Ontario. The research team is currently looking for other genes related to otosclerosis in other families, in hopes of mapping them with the same techniques used in this study.

SOCIAL ACCOUNTABILITY

Rural medicine excellence

For the second year in a row, Memorial University received the Keith Award from the Society of Rural Physicians of Canada (SRPC). This is the ninth time Memorial has received the award since it was established in 2000. This distinction is awarded annually to the Canadian Faculty of Medicine that has trained the greatest number of family physicians still practicing in rural areas 10 years after graduation.

Memorial also tied with the Northern Ontario School of Medicine as recipients of the Rural Medical Education Award from SRPC. This award annually recognizes a Canadian undergraduate medical program which has excelled in producing graduates headed for a career in rural medicine in the Canadian Resident Matching Service (CaRMS) matching program. This is the third time Memorial has received it in the past five years and the fourth time since the award was established in 2006.

Giving the community a creative voice

In fall 2021, Memorial hosted a photo exhibition that was in partnership with Stella's Circle, a charity in Newfoundland and Labrador that provides services to adults who face barriers to fully participating in their community. Through a photography course, PhotoVoice, offered by Ritche Perez of the Faculty of Medicine's Office of Professional and Educational Development, he taught learners in their Adult Basic Literacy Education program ways to develop creative and practical visual literacy skills. Through the collaboration with the Division of Community Health and Humanities, learners in the Faculty of Medicine also volunteered their time.

DALHOUSIE UNIVERSITY

FACULTY OF MEDICINE

EDUCATION

Building on its reputation for educational excellence, Dalhousie Medical School aims to continue producing outstanding undergraduate and graduate physicians and scientists by building on innovative programs and other targeted areas of focus. These areas include prioritizing a medical education that is responsive to the health needs of Maritimers and continuing to be nationally and internationally recognized for scholarship that contributes to the health of the local population and beyond. Ongoing effort and energy have been focused on demonstrating a commitment to equity, diversity, and inclusion.

- Dalhousie and Cape Breton University to pilot undergraduate medical education partnership
- Honouring and Inspiring a New Generation of Health Leaders and Innovators
- In the spirit of social accountability and community engagement

HEALTH RESEARCH

Research is integral to our mission of advancing the quality of health and health care in our communities. We have been devoted to strengthening existing relationships and building new collaborations to ensure a healthy and vibrant research community within the Faculty of Medicine.

Our research strategy addresses two opportunities: targeting international competitiveness while delivering health benefits for the Maritime region. Achieving national and international recognition for our accomplishments in important areas of health care research strengthens our role as the Medical School for the Maritimes and leads to results that can be adapted for success on the national and international stage.

- Science backs second swab: research informs new recommendations to swab nose and throat on covid rapid tests
- World-leading geriatrician and anti-ageism campaigner wins the Ryman Prize
- Dalhousie co-led study shows COVID-19 pandemic increased violence against women and strained supportive services
- A tiny device could change the game in how brain cancer is treated

SOCIAL ACCOUNTABILITY

Progress has been made in the effort to alter the composition of our medical school to better reflect our community. This winter, the Faculty of Medicine approved the Indigenous Admissions Pathway for the 2022/2023 application cycle. This new admissions pathway will minimize the barriers that have prevented Indigenous applicants from entering medical school at Dalhousie and will help facilitate entrance into the program for Indigenous students by assessing applications using a holistic file review.

- Indigenous Admissions Pathway approved by Dalhousie Medical School

The White Fragility Clinics have continued under the leadership of Dr. Gaynor Watson-Creed, Associate Dean, Serving and Engaging Society, and the second visiting scholar, Dr. Eli Manning. They provide a safe and non-judgmental space for faculty and staff members from the Faculty of Medicine to explore the concept of whiteness and its role in racism and build racial resilience.

- Faculty of Medicine invites visiting scholars to guide anti-oppressive practice

In addition to the White Fragility Clinics, several anti-racism learning events have been hosted for faculty, students, residents, and staff. In late 2021, led by Dr. OmiSoore Dryden, James R. Johnston Chair in Black Canadian Studies, the University announced the development of the Black Studies Research Institute (BSRI), a pan-university institute centering transdisciplinary and interdisciplinary research in Black studies.

- Dal embraces black studies research with new university-wide institute

We continue to recognize the need for change, and we are making concerted efforts to respond to the healthcare needs of diverse communities in our region.

UNIVERSITÉ LAVAL | Faculté de médecine

EDUCATION

It's the big comeback for Adventure Medicine – The Faculty of Medicine was very proud to welcome the first student cohorts to its new MD teaching environments in Lévis and Rimouski. This is its first comprehensive training program to be offered outside the main campus in Quebec City. With Adventure Medicine, the Faculty of Medicine of Laval University offers, with the help of regional partners, medical training that is adapted to regional realities.

More future doctors in training in the Lower St. Lawrence – Thanks to the partnership with the CISSS du Bas-Saint-Laurent, two medical students are currently pursuing their integrated longitudinal clerkship (ELI) in the region. With the official launch of the Matane - Rivière-du-Loup ELI, the Faculty of Medicine is continuing to deploy its ELI environments in Eastern Quebec and to develop the community-based ELI formula.

Future doctors experience an unusual internship – Thanks to a wonderful collaboration between the Faculty of Medicine of Laval University and the CISSS de la Côte-Nord, twenty-four future doctors were able to live an extraordinary immersive experience in the forest for ten days.

Health through Lifestyle – A new medicine niche for residents in the family medicine program begins in the Fall of 2022. This approach, called lifestyle medicine, will allow them to intervene in innovative ways, work on prevention and promote healthy lifestyle habits.

HEALTH RESEARCH

Structuring projects in sustainable health for the Quebec City region – Four faculty members from the Faculty of Medicine at Laval University will be able to start their respective projects thanks to the support of Alliance santé Québec. This program aims to promote interdisciplinary approaches and to shed new light on the various issues related to sustainable health.

Luc Vigneault: the patient partner who pushes the boundaries – The participation of a patient partner in the jury of a thesis defense may well be a world first. Luc Vigneault, a very involved patient partner in the Faculty of Medicine, used his theoretical and personal knowledge of the subject to provide a very relevant critique of the work presented.

The Virtuosi of Health 2022, a beautiful tribute to our researchers – The Faculty welcomed close to 200 people to the Health Virtuosi evening last June. Thanks to its donors, the Faculty awarded nearly $1 million in prizes and bursaries to graduate students and residents this year. The evening was also an opportunity to honor two FRQS merit scholars and five Canada Research Chair holders.

The Faculty hosts the 9e International Congress of Epidemiology – This international and interdisciplinary meeting was an opportunity to advance knowledge in epidemiology and public health on the theme: Epidemiology and public health: joining forces in the French-speaking world. The event welcomed more than 350 people from 24 countries in person and via webcast.

SOCIAL ACCOUNTABILITY

Two medical students create a new Aboriginal health conference project – The Faculty of Medicine and Pedagogia are proud to support this promising initiative, a series of six training sessions designed to defuse implicit or unconscious biases that could persist in the world of health care and thus color the services received by Aboriginal people. The project was initiated by Emma Scott and Audrey Filion, medical students interested in Aboriginal health.

New program for access to health studies – In the fall of 2022, the Faculty of Medicine is launching the Envol program to support access to health studies for Quebec college students from low-income backgrounds. New admission categories are offered to these candidates, including four places in medicine and two places in kinesiology, physiotherapy and biomedical sciences. Financial support of $4,000 is offered to each student for the duration of their training in the program, thanks to the support of donors.

Walk-in Health Podcast – The Faculty is officially launching a new walk-in health podcast. This first season includes seven episodes on a variety of topics including culinary medicine, the biological clock and the planet and health. Faculty members present up-to-date information on current health topics, accompanied by students. The podcast has been a great success and a second season is in the works.

Launch of ExploRÉA - For the next generation of rehabilitation professionals in the regions – The mission of this important regional internship project is to offer an immersion in rehabilitation practice in the regions of Eastern Quebec and to train a greater number of students in regional realities. This innovative project is the result of a partnership between the Faculty of Medicine of Laval University and the Réseau universitaire intégré de santé et de services sociaux de l'Université Laval (RUISSS UL), the Université du Québec à Chicoutimi (UQAC), the CISSS du Bas-Saint-Laurent, the CISSS de la Côte-Nord, the CISSS de la Gaspésie and the CISSS des Îles.

Faculté de médecine et des sciences de la santé

EDUCATION

Despite the pandemic, the 21-22 academic year will be viewed as a year of intense development at the University of Sherbrooke's Faculty of Medicine and Health Sciences (FMHS). Since 2018, the Ministries of Health and Higher Education have asked medical schools to increase admissions to medical programs by 25% as rapidly as possible. In order for Sherbrooke to achieve this goal, at least 24 students per year must relocate to the Montérégie. Our teams have been working hard to allow the admission of this cohort as early as September 2022 while continuing the adjustment of the new medical curriculum which has seen its first graduates obtain a resounding success in the CARMS match and the MCC exam. At the post-doctoral level, there is intense mobilization in preparation for the Spring 2023 accreditation visit.

HEALTH RESEARCH

Redesigning graduate research programs: We are currently re-evaluating the structure and delivery of graduate training to make research-type programs more attractive and to modernize them in response to changes in the research and training ecosystem. We aim to better position programs to meet the current realities of graduate health education.

Research revenues: In addition to consolidating its coveted position among the 15 Canadian universities with the highest research revenues for a third consecutive year, the University of Sherbrooke is in first place in 2021 in terms of research revenue growth. The FMHS has seen its research revenues increase by more than 45% over the past 6 years.

Creation of the Digital Health University Centre of the Eastern Townships: The Digital Health University Centre is the result of a long-standing collaboration between the CIUSSS of the Eastern Townships-CHUS and the University de Sherbrooke. It pools the strengths and expertise of the two institutions in health and social services data and health informatics development. At the heart of the Centre are researchers in health informatics who, more than 30 years ago, developed the very first computerized patient record. The Centre will establish a strong connection between the scientific community and the health care community, which already has leading-edge expertise in health data and health informatics development.

SOCIAL ACCOUNTABILITY

Social accountability was the main theme of the Fall 2021 Faculty Leadership Retreat. The annual MD program retreat focused mainly on EDI. The Office of Social Accountability conducted an extensive consultation process to develop its Strategic Plan, which includes the development of individual and collective competencies through awareness, training, monitoring of targeted indicators, communications and structuring projects. It places a key importance on partnerships and stakeholder engagement. The priority themes are: eco-responsibility, EDI, health and wellness of First Nations, humanism and global health. Among the key projects of the past year, we highlight:

- Event to promote social accountability in health: Nearly one hundred people participated in this event where they worked on identifying our next steps in social accountability. Inspiring testimonies from an Aboriginal student and a patient-partner were high points for all.
- In favour of Truth and Reconciliation: More than 150 members of the faculty community attended "No more aboriginal children snatched away: eradicating medical colonialism", a lecture given by Dr. Samir Shaheen-Hussain, accompanied by Dr. Raven Dumont-Maurice. Mr. Grégoire Canapé, Innu Elder, conducted a healing ceremony in the presence of the Dean, about 30 people from the faculty and the Innu Nation from Saguenay.
- Two editions of the "Social Accountability Newsletter" had a remarkable success rate, obtaining more than 4,000 clicks out of 8,800 mailings: the Eco-Responsibility Bulletin (Nov. 2021) and the Bulletin on the event to promote social accountability in health (Sept. 2021)
- The Responsible Research Week 2022 co-organized by the CIUSSSE-CHUS, offered a rich program of conferences and workshops to our research community, its partners and many other stakeholders.
- The University of Sherbrooke awarded an honorary doctorate to Dr. David Suzuki, who delivered a powerful lecture to the faculty. An exceptional scientist and communicator, Dr. Suzuki made a vibrant plea for citizen engagement, including its political role.
- Our faculty is proud to be involved in the **ISAT** *(Institutional Self-assessment Tool in Social Accountability)* process to better position ourselves, learn and move forward in a socially responsible manner. We have translated the tool into French in order to facilitate its appropriation.
- Our Standardized and Real Patient Use Program has been renamed "Human Simulation and Citizen Participation Program", highlighting the invaluable contribution of community members to the training of our students at all our training sites: Sherbrooke, Longueuil, Saguenay and Moncton.

McGill | Faculty of Medicine and Health Sciences | Faculté de médecine et des sciences de la santé

EDUCATION

McGill University inaugurates new campus in Gatineau
Delayed two years due to the pandemic, the formal inauguration of McGill University's Campus Outaouais was held in Gatineau in spring 2022. The new campus, which welcomes its third cohort in fall 2022, will play a key role in training French-speaking physicians in the region and will help contribute to the delivery of quality health care for the community. The campus was made possible thanks in large part to long-standing and close collaboration between McGill University, the Université du Québec en Outaouais (UQO), the Centre intégré de santé et des services sociaux (CISSS) de l'Outaouais and the Government of Quebec.

Faculty tutor-led journal clubs close knowledge gaps for med students
Given the volume and complexity of the biomedical research published each year, it can be tough for medical students to figure out which studies are clinically significant and which ones aren't. The McGill Faculty of Medicine and Health Sciences' revamped offering of journal clubs aims to cultivate medical students' biomedical research analysis skills – and help them with clinical decision making later on.

Meeting the moment: McGill Ingram School of Nursing's BNI Online Program a success story
Launched in the fall of 2021, the Ingram School of Nursing's Bachelor of Nursing Integrated Online Program (BNI Online) is already a success story. Unique in Quebec and McGill's first fully online program, it was designed, in part, to meet the critical societal need for more university-prepared nurses in our fragile health care system. The program is geared towards nurses across Quebec who received their 180 A.0 Diplôme d'études collégiales (DEC) in Nursing from CEGEP within the previous three years.

HEALTH RESEARCH

Living near regions prone to wildfires may boost risk of developing lung cancer and brain tumours
A McGill study found higher incidence of lung cancer and brain tumours in people exposed to wildfires. The study, which tracks over two million Canadians over a period of 20 years, is the first to examine how proximity to forest fires may influence cancer risk. Published in *The Lancet Planetary Health*, the study shows that people living within 50-kilometer of wildfires over the past 10 years had a 10 per cent higher incidence of brain tumours and 4.9 per cent higher incidence of lung cancer, compared to people living further away.

LSD, a future antianxiety pill?
The craze for psychedelics used for therapeutic purposes is real. However, the scientific evidence supporting their effectiveness and explaining their mode of action in treating mental health disorders is still very thin. A McGill study sheds light on previously unexplained neurobiological mechanisms by which LSD is believed to relieve anxiety.

COVID-19 lockdowns deepened struggle for work-family balance
A new study, published in *Preventive Medicine Report*, is one of the first to document gendered stressors and the role of work-family conflict in the context of a pandemic. The study was led by researchers from McGill University, Université de Montréal, and Université du Québec à Chicoutimi.

SOCIAL ACCOUNTABILITY

Win4Science: bridging the gap for women in science
While women represent a little over 50 per cent of the Canadian population, their representation in natural and applied sciences and related occupations is only 23.5 per cent. This significant gap is being addressed at various levels of government and within organizations such as the Canadian Institutes of Health Research. It's also a key issue at many Canadian universities, and McGill's Win4Science, an initiative to educate and raise awareness about the barriers women face in academia, is making great strides in improving the opportunities for women in science.

Indigenous Perspectives on Healthcare
One way that McGill Professors Richard Budgell and Alex McComber fight systemic racism against Indigenous people is inside their classrooms as they educate aspiring researchers, physicians and health professionals around cultural safety.

Pediatric acute care videos created for Ukraine war zone by McGill experts
McGill professors at the Pediatric Emergency Department (PED) of the Montreal Children's Hospital launched a series of pediatric trauma and acute care simulation videos on the Luma1 smart video platform for use in conflict and disaster zones.

Promoting diversity in health professional programs
A new mentoring program led by a team of McGill students aims to give CEGEP students from disadvantaged backgrounds a better chance to get into the University's health professional programs. The initiative was inspired, in part, by a decade-old summer workshop program for high school students, designed to demystify and make accessible the idea of a career in the health professions.

CONTINUED...

Speech-language pathology program changes with the times
Recognizing the need to re-imagine its educational model for a new generation of students, McGill's School of Communication Sciences and Disorders initiated an ambitious overhaul of its flagship graduate program, designed to align with profession-wide changes in content, pedagogy and inclusivity. The new MSc(A) in Communication Sciences and Disorders; Non-Thesis; Speech-Language Pathology program still requires 82 credits over the course of 24 months, but the introduction of a new summer term significantly reduces the course load in the fall and spring. To account for additional courses in subjects like counselling and essential competencies, portions of the previous curriculum are streamlined and condensed.

Critical Care Medicine becomes an academic department at McGill
Critical care has entered a new era at McGill with the creation of the Department of Critical Care Medicine as an academic department in the Faculty of Medicine and Health Sciences. An emerging and rapidly advancing field of medicine, critical care as a discipline had not previously been recognized at the Faculty level, instead largely centred in the established programs within the McGill hospital network.

Hands-on at last: Laboratory Boot Camp builds skills in Microbiology and Immunology
Lab-based in-person learning provides essential training in observation, problem-solving and critical thinking, but the pandemic made it difficult to provide these valuable hands-on courses for students. Knowing how important these skills are, a group of professors in the Faculty of Medicine and Health Sciences' Department of Microbiology and Immunology found an innovative work-around: Laboratory boot camp.

McGill researchers find new insight in the battle with antibiotic resistance
In a paper published in the journal *Nature Communications*, McGill researchers reported new insights into how a class of antibiotics commonly used in both medicine and agriculture are rendered useless by resistant germs. Added to the existing pool of knowledge about antibiotic resistance, this latest contribution might one day help pave the way for next-generation antibiotics.

Montreal researchers identify three drugs that could reduce mortality in severely ill COVID-19 patients
A team of researchers studied host biological responses of patients hospitalized with severe COVID-19, looking for differences between patients who recovered and those who succumbed to the disease. They found that certain cellular pathways were overactivated at the time of intensive care unit admission in the deceased patients. The researchers then identified three existing drugs targeting these pathways. Their study, published in *Science Advances*, provides the required preclinical data to support the testing of these drugs – tacrolimus, zotatifin and nintedanib – in controlled clinical studies.

Charles R. Drew Graduate Fellowships launched
Asia Blackman, the inaugural recipient of the Charles R. Drew Graduate Fellowship, began her Masters in Epidemiology at McGill in the fall of 2021. The Fellowship supports the leaders of tomorrow by providing funding for graduates of Historically Black Colleges and Universities to pursue graduate work at McGill.

Climate Wise: Medical students lead development of evidence-based tool to integrate planetary health into medical curricula
Collaborating with a passionate group of fellow medical students at the University of Calgary, a team of McGill medical students created Climate Wise, an online, open-access repository of slides teaching planetary health, designed to be integrated into medical school lectures throughout pre-clerkship and clerkship.

Faculté de médecine

Université de Montréal

STRATEGIC PLANNING

While managing the pandemic remained a priority during this period, the Faculty of Medicine at the Université of Montréal never stopped imagining and preparing for the future. It is in this spirit that a vast consultation exercise was launched throughout the Faculty. The resulting 2021-2026 strategic plan aims to build a healthy future by training socially responsible professionals and scientists, while creating knowledge and sharing it with communities here and around the world.

TEACHING

Accreditation

The majority of our residency programs achieved full accreditation status at the last Royal College visit in October 2021. This visit involved a great deal of energy and collaboration from the entire Postgraduate Medical Education Associate Dean's team.

Nutrition, audiology, specialized studies

The Faculty implemented a new competency-based Bachelor's degree in nutrition. In addition, it has completed the graduation of the first cohort of the new audiology program and recognized eight new specialized study diplomas for our clinical instructors in various medical and surgical subspecialties.

Increase in cohorts

The Ministry of Health and Social Services (MHSS) has asked Quebec's faculties of medicine to significantly increase their intake capacity in their doctoral programs in order to meet the critical need for physicians. For the Faculty of Medicine at UdeM, this means an increase of more than 25% in the number of admissions. Discussions are continuing with university and government authorities in order to find solutions that will maintain the quality of our training.

Residency Rotations Management System

The Residency Rotations Management System continues its technological shift to facilitate evaluations. Ten programs now have access to a new "MedSIS CPC" module online for documenting the Entrustable professional Activities (EPAs) completed by residents. This mobile version of the rotations management system is more user-friendly and promotes quicker evaluations and feedback.

RESEARCH

1) Outreach and positioning

2e Health, Science and Society Symposium: Transplantation: The Faculty of Medicine has highlighted the incredible richness of an area of excellence in which interdisciplinary research and clinical teams work closely together. From organ transplantation and optimization, to decision support tools for transplantation and patient support, to new approaches in regenerative medicine and cellular therapies, to benefits for recipients and donor families, the Symposium program demonstrated the potential for innovation and the vitality of the Montreal transplantation sector. A public lecture on organ donation ended the event. During this virtual round table, moderated by Sophie Fouron, six speakers discussed legislation, new approaches to organ donation and the often difficult and delicate choices for recipients and donor families.

POPCORN collaborative research platform: Pediatric health researchers from 16 institutions across Canada have joined forces to better understand COVID-19 through the Pediatric Outcome ImProvement through Coordination Of Research Networks (POPCORN) platform, led by Dr. Caroline Quach, a professor in the Faculty of Medicine and a pediatric microbiologist-infectiologist at CHU Sainte-Justine. Funding of $6.7 million from the Government of Canada through the Canadian Institutes of Health Research (CIHR) is enabling research teams to study the impacts of disease, vaccination and public health measures on the health and well-being of young people.

Canadian Heart Function Alliance (CHFA): The Montreal Heart Institute is leading a new Canada-wide research alliance aimed at extending and improving the lives of Canadians with heart failure. Dr. Rouleau, a professor of medicine at the Faculty of Medicine and a cardiologist at the MHI, is the co-director of the alliance.

Young Professionals, Inspiring Careers in AgeTech (EPIC-AT): This new national training platform will enable up-and-coming scientists to accelerate the delivery of digital health solutions to seniors, their caregivers and their caretakers. Funded by the Canadian Institutes of Health Research to the tune of $2.4 million, this initiative is led by researchers from 11 universities and hospitals across the country, including Nathalie Bier, a full professor at the School of Rehabilitation.

Canada Research Chairs: The Faculty of Medicine at UdeM obtained for the reference year:
- 5 CIHR Senior Chairs (Tier 1) in Clinical Research
- 4 CIHR Junior Chairs (Tier 2) in Clinical Research
- 20 CIHR Senior Chairs (Tier 1) in Basic Research
- 12 CIHR Junior Chairs (Tier 2) in Basic Research
- 1 NSERC Junior Chair (Tier 2)

Royal Society of Canada: 3 new appointments: Yves Brun, full professor in the Department of Microbiology, Infectious Diseases and Immunology, and Christopher Rudd, full professor in the Department of Medicine and Medical Specialties, are being inducted into the Royal Society of Canada (RSC). Elected by their peers, Fellows are recognized for their exemplary contributions to Canadian society, both scientifically and artistically. Dahlia Kairy, Associate Professor in the School of Rehabilitation, is named a Fellow of the College of Emerging Scholars and Creators in Art and Science.

Three Faculty of Medicine professors awarded the Order of Canada: Department of Surgery Associate Professor Carl-Éric Aubin is being awarded the Officer's Award for bridging the gap between engineering and musculoskeletal medicine by creating innovative methods of diagnosis, prognosis and treatment.

Faculté de médecine

Université de Montréal

CONTINUED...

Jacques-Yves Montplaisir, a professor in the Department of Psychiatry and Addictology, is a noted authority on the groundbreaking research that has advanced sleep medicine and improved the health of Canadians.

Department of Medicine and School of Pharmacy Professor Cara Tannenbaum is named a member for her leadership in geriatric, women's health and gender research and for her interdisciplinary collaborations to improve the quality of life for the aging.

Order of Excellence in Education: a great year for the Faculty of Medicine: Five professors from the Faculty of Medicine are among the seven recipients of the Order of Excellence in Education for their contribution to the development of Quebec's educational system: Marie Marquis, Carole Lambert and Annie Rochette receive the title of member, while Antoine Payot and Bernard Charlin receive the title of distinguished member.

2) Equity, Diversity, Inclusion (EDI)

International Women's Day: Two events marked March 8. The first, a tribute to women in science, highlighted 12 faculty scientists who were invited to present their careers and discoveries. Star engineer Farah Alibay of NASA's Space Research Center took part in the celebration. The second featured a duo of inspirational speakers, Dr. Janet Rossant and Dr. Trang Hoang, who shared their thoughts on research leadership and mentorship.

3) Great discoveries

Cellular aging: The team of Francis Rodier, a professor in the Department of Radiology, Radiation Oncology and Nuclear Medicine and a researcher at the CHUM Research Centre (CRCHUM), has shown for the first time that "cellular senescence", a state reached when aging cells stop dividing, is caused by irreparable damage to the genome rather than by telomere erosion alone. This study opens up new research opportunities.

Immune system vs. cancer cells: Research by Dr. André Veillette, a professor in the Department of Medicine and Director of the Molecular Oncology Research Unit at the Clinical Research Institute of Montreal, has identified a new approach that consists of awakening the instinct of the immune system to destroy cancer by using two molecules located on the surface of macrophages.

Food insecurity among First Nations: A new study on food, nutrition and the environment among First Nations (EANEPN), co-led by Malek Batal, a full professor in the Department of Nutrition, highlights a rate of food insecurity among First Nations that is three to five times higher than that of the general Canadian population.

Duchenne muscular dystrophy: A research team led by Nicolas Dumont, assistant professor at the School of Rehabilitation and researcher at the CHU Ste-Justine research center, has discovered a new therapeutic molecule, Resolvin-D2, which has the potential to greatly improve the quality of life of patients with Duchenne muscular dystrophy (DMD) by stimulating the activity of muscle stem cells.

Amyotrophic lateral sclerosis: A $1 million grant from the American organization ALS Association is enabling the team of Richard Robitaille, a full professor in the Department of Neuroscience, to conduct clinical trials with people with the disease in order to develop a treatment to regain mobility and slow the disease.

How the brain works: An international research team co-led by Eilif Muller, Assistant Professor in the Department of Neuroscience, IVADO Researcher and ICRA-Canada Chair in Artificial Intelligence (AI), has made a major breakthrough by accurately simulating the synaptic changes in the neocortex that are thought to be critical to learning, paving the way for a better understanding of brain function.

Cushing's syndrome: The research team of Isabelle Bourdeau, professor in the Department of Medicine and researcher at the CHUM Research Centre (CRCHUM), along with Dr. Peter Kamenicky, from the Bicêtre Hospital of the Assistance publique-Hôpitaux de Paris, have uncovered the mutations in the KDM1A gene responsible for Cushing's syndrome. The scientists also show, for the first time, the genetic transmission of the disease.

One health: The University of Montreal, the University of Saskatchewan, the University of Calgary and the University of Guelph are focusing on inclusive thinking and joint efforts to control chronic diseases and zoonotic diseases. The resulting "One Health" approach promotes human, animal and ecosystem health and resilience.

4) Social accountability

Aboriginal access to health professions: The Social Accountability Office of the Faculty of Medicine, in partnership with the Regroupement des centers d'amitié autochtones du Québec (RCAAQ) and their centers in Trois-Rivières and La Tuque, has unveiled a comprehensive and concerted action plan to promote Aboriginal access to health professions.

Urban health: The Faculty of Medicine, the School of Public Health of the University of Montréal (ESPUM), the Faculty of Environmental Design, the Faculty of Veterinary Medicine and the Faculty of Arts and Science have joined forces to launch an interfaculty and intersectoral initiative on urban health. The goal of this pole of excellence is to bring together the research strengths of the UdeM in collaboration with the professional, government and community sectors.

Nutrition for Seniors: Students from the Department of Nutrition took part in the Food for Healthy Aging project thanks to a donation from Selection Group.

The "Sélection Retraite" complexes were used as a testing ground to carry out knowledge transfer activities in nutrition and to identify the conditions necessary for the development of a diversified and balanced food offer for retirees.

Science and social media: In order to enlighten the public on scientific issues related to COVID-19, members of the Faculty of Medicine community have taken to social media to spread the word about science. Physicians Mathieu Nadeau-Vallée, Nathalie Grandvaux, André Veillette and David Lussier have jumped into the virtual arena.

Black communities: As part of Black History Month, health care professionals from Black communities shared their stories of struggle and triumph, serving as inspiring faces for young people seeking achievement.

EDI and Anti-Bullying Policies: The School of Medicine has developed two important policies for its entire community, one to promote equity, diversity and inclusion (EDI) and the other dedicated to combating discrimination.

Climate Health Committee: A working committee to establish a faculty policy related to sustainable health and the health impacts of climate change has been established.



EDUCATION

1. **New master's program to address global shortage of anatomy instructors**: Practical teaching and learning in human anatomy labs will train anatomy educators who can apply their skills to benefit various learners at all levels.
2. **New School of Pharmaceutical Sciences PharmD program accepting applicants, receives full accreditation**: This initiative hopes to bolster training for French-speaking pharmacy students across Canada. The University of Ottawa was recently granted full membership in the Association of Faculties of Pharmacy of Canada, and the PharmD program has been awarded Qualifying Accreditation status by the Canadian Council for Accreditation of Pharmacy Programs.
3. **uOttawa learner's experience amid water contamination crisis in Iqaluit**: Dr. Yipeng Ge gains invaluable first-hand experience providing medical care through a state of emergency during his five-year residency program in public health and preventive medicine.
4. **NORTH Clinic garners honourable mention for MacJannet Prize**: The student-run interdisciplinary clinic is a key project within uOttawa's medical program, addressing the importance of social accountability in medicine.
5. **Faculty of Medicine student wins highly competitive McCall MacBain Scholarship**: Yasmine Elmi, fourth-year student in the TMM program, will soon join a class of 20 young Canadian scholars who were picked from nearly 700 applicants.

HEALTH RESEARCH

1. **uOttawa led CoVaRR-Net to bolster research on Omicron variant thanks to $9M grant extension from CIHR**: The Coronavirus Variants Rapid Response Network (CoVaRR-Net), led by the University of Ottawa's Marc-André Langlois, has received a $9-million grant extension from the Canadian Institutes of Health Research (CIHR) to continue its rapid research efforts on variants of concern and variants of interest.
2. **Study: Being in space destroys more red blood cells**: A world-first study has revealed how space travel can cause lower red blood cell counts, known as space anemia. "This is the best description we have of red blood cell control in space and after return to Earth," says study author Dr. Guy Trudel.
3. **No flight, no bite—'Mosquito grounding' bed net nearly halves malaria infection in Tanzanian children**: Dr. Manisha Kulkarni contributes to international research published in The Lancet showing first new insecticide in 40 years is safe and effective for use on nets and could save many young lives.
4. **uOttawa scientists collaborate with Yale colleagues to unlock mystery rooted in the deepest past of evolution**: The study focusing on code-carrying proteins and the meaning behind a tiny variation could help expand our understanding of DNA damage repair and shed light on mechanisms behind some diseases, including cancers.
5. **uOttawa research suggests spray of tiny particles of gold may treat heart disease**: The research team developed a new technology combining nanogold and peptides that can restore both heart function and electrical conductivity.

SOCIAL ACCOUNTABILITY

1. **Faculty of Medicine approves mandate for new Centre for Indigenous Health Research and Education**: The Centre for Indigenous Health Research and Education (CIHRE) is focused on improving Indigenous health education, research and capacity development to better serve and ensure quality care for First Nations, Inuit and Métis communities within the Faculty's geographic service area.
2. **Faculty's education program shields Benin's population from infectious disease**: The Mérieux Project has exceeded expectations with its immediate impact on the African country's hygiene and anti-infection protocols.
3. **Ethical accountability in global health**: Through the Faculty of Medicine, the University of Ottawa has become the first Canadian university to endorse the Brocher Declaration, a new set of principles intended to guide policy on short-term global health work, which too often fails to consider the needs of a host community and occasionally causes more harm than good.
4. **University of Ottawa-Nunavut partnership helps fill critical need for Inuit physicians**: Under-representation of Inuit physicians has meant a gap in medical care for patients in Northern communities.
5. **A Canadian university first: uOttawa Faculty of Medicine appoints a director of planetary health**: As part of our expanded efforts in social accountability and commitment to creating a sustainable future, the Faculty of Medicine has appointed Dr. Husein Moloo as director of planetary health.

Queen's University

FACULTY OF HEALTH SCIENCES

EDUCATION

- Established five-year plan to see 20 per cent of all curricula delivered in an interdisciplinary format. This will include shared curricula and team-based learning; cross-program and interdisciplinary experiences that integrate schools, programs, and learning environments; and community-integrated education opportunities.
- Queen's University and Lakeridge Health will help to address the family physician shortage by taking a novel approach to medical education – seamlessly integrating the training of medical students and residents. The collaboration will offer 20 new medical school seats in 2023 at the Lakeridge Health satellite campus, with workplace experiences embedded in communities across southeastern Ontario. This new model is designed to graduate practice-ready, community-focused physicians, and will include a mechanism for admissions that prioritizes candidates committed to comprehensive general practice.
- COVID-19 has demonstrated the clear need for health professionals with expertise in infection prevention and control (IPAC). Beginning January 2022, the Queen's Master of Public Health program launched a new IPAC track – the first of its kind in Canada. This specialty training provides students with the technical expertise and leadership to keep patients, employees and the public safe.

HEALTH RESEARCH

- The Canadian Cancer Society (CCS) renewed its support of the Canadian Cancer Trials Group, which is based within Queen's Health Sciences' Cancer Research Institute. The five year $30M commitment represents a continuation of CCS's largest research investment which began in 1980 when they helped create the Canadian academic research group.
- The faculty launched a digital collection of its Cinq à Sept Research Talks – creating an online home for the powerful, compelling stories behind the extraordinary health research happening at Queen's.
- With the support of Health Canada and industry partners, Queen's is employing a portable MRI scanner in Canada's north for the first time. With patients in remote communities having direct access to the device rather than travelling long distances for diagnoses, this model could be replicated to serve other sites to help democratize access to healthcare.
- To advance personalized cancer treatment and improve patient outcomes, Queen's has become a founding member of the new Digital Technology Supercluster project CanDETECT. With a total investment of $17.8 million, CanDETECT will use artificial intelligence (AI) and machine learning to develop precision oncology software.
- Queen's University and Pallium India have formalized their long-standing partnership to improve palliative care services in India through education, research, and policy initiatives.

SOCIAL ACCOUNTABILITY

- In January 2022, Dr. Colleen Davison appointed inaugural Associate Dean, Equity and Social Accountability, Queen's Health Sciences
- An Outreach and Summer Program has been piloted with an inaugural cohort of 17 local high school students from traditionally under-represented groups who are nominated by community agencies or schools. Participants are paired with mentors and provided with educational opportunities throughout the year.
- 14 projects were awarded Queen's Health Sciences Equity, Diversity, Inclusion, Indigeneity, and Accessibility (EDIIA) Studentships for 2022, including a group that will examine 2SLGBTQ+ representation in Queen's MD pre-clerkship Curriculum
- In September 2022, the QHS Equity, Diversity, and Inclusion Office will open a physical office space in the School of Medicine building that will be used for EDIIA initiatives.

TEMERTY FACULTY OF MEDICINE
UNIVERSITY OF TORONTO

EDUCATION

Temerty Medicine announced the expansion of its MD program as part of the proposed Scarborough Academy of Medicine and Integrated Health (SAMIH) at the University of Toronto Scarborough. Once operational, SAMIH would graduate up to 30 physicians and 30 physician assistants alongside nurse practitioners, physical therapists and life sciences students. Also in 2021-22, the integration of MD and PGME portfolios continued apace with key projects to streamline learner mistreatment and disclosure reporting, integrate supports for learners through the Office of Learner Affairs, and enhance feedback mechanisms between learners and faculty. In PGME, Competency by Design has been implemented across more than half of U of T's 80+ Royal College specialties. And in Continuing Professional Development (CPD), Temerty Medicine has developed a new Certified Professional in CPD (Healthcare) credential. The nine-month digital course includes interactive webinars on program design, planning models and how to achieve results with CPD programs.

HEALTH RESEARCH

Temerty Medicine's Combined Containment Level 3 (C-CL3) unit – a pioneer in the safe study of deadly pathogens – is now at the heart of the Emerging & Pandemic Infections Consortium (EPIC), uniting top university, hospital and global experts in infectious diseases, as well as other fields. U of T has also established a research network to advance rehabilitation models of care that will optimize health and well-being among people affected by COVID-19: the Rehabilitation Science Research Network for COVID will support research and training focused on recovery, caregiver wellbeing and communities hit hardest by the pandemic. U of T faculty are also co-leading the Canadian COVID-19 Prospective Cohort study (CanCOV), which explores short- and long-term outcomes for COVID-19 patients and how aspects such as genomics, demographics and social factors influence disease progression and severity. Finally, U of T professors John Dick and Zulfiqar Bhutta were among the 2022 winners of the prestigious Canada Gairdner Awards.

SOCIAL ACCOUNTABILITY

Temerty Medicine's commitment to the principles of inclusion and diversity continues through several initiatives, including a series of spring 2022 conversations focused on addressing anti-Black racism in undergraduate and postgraduate medical education. Over the last year, the Faculty also hosted educational sessions around anti-Asian racism, antisemitism and Islamophobia, as well as workshops on forms of systemic oppression in health care services, research and education. To address the disproportionate impact of the pandemic on racialized communities, the Black Health Vaccine Initiative, including family doctors from Temerty Medicine's department of family and community medicine, worked to advocate, educate and vaccinate in Ontario's Black communities. Family physicians at U of T also launched confusedaboutcovid.ca – in partnership with the Ontario College of Family Physicians – to support doctor-patient communication and help guide patients' understanding of COVID-19.

McMaster University | Michael G. DeGroote SCHOOL OF MEDICINE

EDUCATION

- The undergraduate medical program (UGME) of the Michael G. DeGroote School of Medicine has established a new strategic plan.
- The McMaster UGME has opened a Black Equity Stream (known as BESt) as part of its commitment to equity and diversity in medical school admission. A stream for Indigenous admissions was opened in 2006.
- The McMaster undergraduate medical program has committed to a new mission and social accountability through admissions, student support, curricular content and types and locations of educational experiences. Priority is being given to those who identify with Black ancestry and those who identify as Indigenous as these groups are historically underrepresented in the medical program.
- In 2021, the Postgraduate Medical Education (PGME) of the Michael G. DeGroote School of Medicine launched the Global Health Subcommittee to facilitate novel and progressive global health curricula and opportunities for McMaster medical residents.
- Also in 2021, McMaster PGME created the Equity, Diversity, and Inclusion (EDI) Subcommittee, with the mandate of establishing and developing policies that will bring an EDI lens to residency and fellowship training at McMaster. Equity selection committee training for CaRMS interviewers was created in collaboration with the McMaster Equity and Inclusion Office.

HEALTH RESEARCH

- Human trials begin for two next-generation COVID-19 vaccines developed at McMaster. Both are designed to combat variants of concern and are delivered by inhaled aerosol, not by injection, and target the lungs and upper airways where respiratory infections begin.
- The McMaster Platelet Immunology Laboratory discovered how the rare blood clot issues inducted by COVID-19 vaccines happen, how to diagnose and how to treat these blood clots. The Public Health Agency of Canada named the MPIL the national testing centre for vaccine-related blood clots.
- The new Centre for Discovery in Cancer Research with director Sheila Singh is focussing on treatment-resistant cancers with high death rates such as glioblastoma, triple negative breast cancer and pancreatic cancer. The first Cindy Lee Graham Memorial Award, named for the Guelph woman who donated her brain and spinal cord to McMaster researchers after she died from glioblastoma in early 2021, was presented by her eight-year-old twin boys.
- Studies of a polypill of aspirin, statins and at least two blood pressure medication have found the risk of fatal cardiovascular disease is cut in half. The study came from three international studies on a total of 18,000 people and was led by McMaster professor medicine Salim Yusuf.

SOCIAL ACCOUNTABILITY

- The Indigenous Health Learning Lodge is the new home for Indigenous faculty, staff, and learners, as well as others who want to learn about Indigenizing health science education and Indigenous culture. Decorated with Indigenous art, it is the hub for training and curriculum development, will provide a safe space with access to Traditional Knowledge Helpers and a student lounge to study and socialize. It will also be an inclusive place for non-Indigenous students to learn more about colonization and reconciliation.
- The Faculty of Health Sciences launched a Diversity and Climate Survey, related to faculty and staff's identities and experiences, to help direct the fostering of a more inclusive and safe working environment.
- With a focus on skills training, mentorship, and career development, the new Biochemistry and Biomedical Sciences Summer Scholars Program (SSP) is providing a cohort of students who self-identify as black, Indigenous, and/or 2SLGBTQIA+ with an experiential research opportunity for a 12-week program.

Schulich MEDICINE & DENTISTRY Western

EDUCATION

Schulich Medicine & Dentistry's educational reach is broad – encompassing medicine, dentistry, public health and undergraduate and graduate training in the biomedical sciences. The School distinguish ourselves through innovative, forward-thinking curriculum design and through an overarching commitment to research and scholarship in education. This past year, highlights of our commitment to educational excellence include:

- In 2021, two medical students integrated their external or adjacent interests into their learning and future practice. They embraced that opportunity as the first participants of Schulich Medicine's MD+ Track. The Track provides students with the time, financial and academic support to pursue professional and graduate training while completing their medical degree. Our two students were the first to obtain their master's degrees through MD+, obtaining a Master's in Public Health and a Master's in the History and Philosophy of Science at University College London (UCL) through the MD+ international pathway. This year, two more medical students, are both pursuing master's in science in epidemiology and biostatistics through the MD+ Track.
- **Training future doctors to support refugees:** With refugee numbers surging worldwide and Canada pledging to increase its intake to unprecedented numbers, Canadian doctors need new skills and greater insight into trauma in order to care for vulnerable newcomers, says Dr. Kevin Pottie, Western University's Ian McWhinney Chair of Family Medicine Studies. Pottie has co-authored a curriculum framework that he hopes will become part of the core competencies acquired by all future medical students, here in Canada and also in Europe or even worldwide.

HEALTH RESEARCH

The Schulich School of Medicine & Dentistry is a top-tier research-intensive organization driving innovation and real life improvements for people around the globe. Last year, some of the most impactful research highlights included:

- **Innovative lung-imaging technique shows cause of long-COVID symptoms:** Many who experience what is now called 'long-COVID' report feeling brain fog, breathless, fatigued and limited in doing everyday things, often lasting weeks and months post-infection. Using functional MRI with inhaled xenon gas, researchers at Schulich Medicine & Dentistry were one of the first to show that these debilitating symptoms are related to microscopic abnormalities that affect how oxygen is exchanged from the lungs to the red blood cells.
- **Western researcher helping bring HIV cure within reach:** Western University researcher Jessica Prodger is a collaborator in Research Enterprise to Advance a Cure for HIV (REACH), an ambitious multi-institutional project funded through the U.S. National Institutes of Health (NIH).

SOCIAL ACCOUNTABILITY

The School's commitment to social accountability begins on campus, and extends far beyond Canada's borders. Here are a few examples of how the School is bringing its foundational values of equity, diversity, inclusion and antiracism to life:

- **Western partners with Ugandan research centre to help address global health challenges:** The School's global health influence has been enhanced through stronger relationships with Uganda's Joint Clinical Research Centre. Learners receive critical international perspective through first-hand experience with research and clinical training in a country with health challenges vastly different than Canada. Through this expanded partnership with Uganda, we have the opportunity to help transform the care of communicable and noncommunicable diseases for an entire country, and beyond.

Schulich MEDICINE & DENTISTRY Western

CONTINUED...

- **Commitment to cross-cultural learning and fostering global perspectives:** Schulich Medicine & Dentistry offers an outstanding 4-year competency-based medical education program leading to the Doctor of Medicine (MD) program. Through this, the School offers an International Pathway, a program that provides international learners with an opportunity to study medicine at Western University while facilitating cross-cultural learning and fostering global perspectives within MD Program students. We are committed to nurturing and developing tomorrow's clinical practitioners, educators and researchers within a patient-centred, research-intensive, distributed learning environment to become socially responsible leaders in the advancement of human health locally, regionally and globally.

- **Unraveling the mysteries of cancer and neurodegeneration:** Drs. Kun Ping Lu and Xiao Zhen Zhou are studying a stress response enzyme involved in a puzzling inverse relationship between cancer and Alzheimer's disease: People at risk for one disease are less likely to get the other. Lu and Zhou believe this enzyme, called Pin1, plays a role in both diseases – its overexpression is linked to cancer, while its absence is associated with Alzheimer's.
- **Driving randomized trials for global impact:** Schulich Medicine & Dentistry is investing to accelerate impact with a new clinical trials platform with a goal of helping researchers execute their study concepts. Large-scale randomized trials are considered the gold standard of evidence in modern health care – but the journey from trial design to completion is extremely complex, time consuming and expensive. Recognizing these barriers, Dr. Amit Garg, Associate Dean, Clinical Research, is spearheading an initiative to drive more randomized trials at the School, elevating the capacity to develop and lead trials that directly influence health care.

- **Western Professor offers forensic expertise to investigate missing Indigenous children:** Dr. Rebekah Jacques a Métis forensic pathologist and professor in pathology and laboratory medicine at the School, was appointed one of 10 committee members to the new National Advisory Committee on Residential Schools Missing Children and Unmarked Burials. The committee will provide Indigenous communities access to independent and expert information in their efforts to identify, locate and commemorate their missing children. Jacques offers expertise in: Indigenous laws and cultural protocols, forensics, archeology, archival research, criminal investigations, communication, and working with survivors.

NOSM UNIVERSITY UNIVERSITÉ EMNO

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EDUCATION

On April 1, 2022, the Northern Ontario School of Medicine became NOSM University, Canada's first independent medical university. Since its establishment in 2002, NOSM has blazed trails in its short history. The unique, distributed, community-engaged learning model has grown into something extraordinary. This model requires strong ties and engagement with remote, rural, Indigenous and Francophone communities. NOSM University has partnerships and collaborations with more than 500 organizations, in 90+ communities, and more than 1,800 faculty dispersed across Northern Ontario. With the Ontario Government's recent announcement of medical education expansion, NOSM University will increase its medical degree enrolment by 47% and residency positions by 68% over the next five years.

In the spring of 2022, 100% of the NOSM University students who wrote the MCC Part 1 passed the exam, and all fourth-year medical students were the only class in Canada to match 100% in the first round of CaRMS.

In September 2022, NOSM University will be admitting 74 new learners into the MD program, which is an increase of five seats since September 2021. Of these students, 30% have self-identified as Francophone and 15% as Indigenous. Five of the incoming medical students are in the Military Medical Training Program (MMTP). Of the other 69 medical students, 49% are from urban Northern Ontario, 42% are from rural Northern Ontario, seven per cent are from other rural areas in Canada and one applicant is from an urban are in other parts of Canada.

NOSM University is a stalwart champion of BIPOC women (Black, Indigenous and People of Colour) in medicine—including those who are trans and non-binary—and making space and resources available to them during their academic journey is an ongoing priority. The Slaight Family Foundation is donating $1 million to support 40 Black, Indigenous, and People of Colour (BIPOC) women medical students attending NOSM University and who live in Northern Ontario. The donation will establish a first-of-its-kind entrance scholarship to both increase the number of BIPOC women physicians—including transgender and non-binary people—in Northern Ontario and contribute to the overall number of doctors in the region. These newly created entrance scholarships will provide $25,000 each to 10 women entering NOSM University's MD program each year, over the period of four years.

HEALTH RESEARCH

NOSM University researchers are partnering with Indigenous communities and organizations to strengthen vaccine confidence among Indigenous youth. Dr. Marion Maar, Associate Professor, and Dr. Maurianne Reade, Associate Professor and a rural generalist family physician on Manitoulin Island, are principal research investigators for the project, *Co-Creating Vaccine Confidence: An Anishinabe Theatre-based Approach to Strengthen Indigenous Youth and Young Adult Vaccination Support.*

A $1 million CIHR grant aims to improve local health outcomes for residents of Thunder Bay and Ottawa through partnership between academic researchers, universities, and municipalities. NOSM University, the City of Thunder Bay, and Lakehead University are collaborating with the University of Ottawa and the City of Ottawa, to address locally identified health and safety priorities. Recognized globally, the CityStudio framework of city-campus collaboration encourages post-secondary students to be agents of change for social accountability in their communities.

Dr. Barb Zelek, Associate Professor and a rural generalist family physician in Marathon, and Dr. Brianne Wood, NOSM University/Thunder Bay Regional Health Research Institute Associate Scientist, are part of the research team led by Dr. Andrew Pinto, Director of the Upstream Lab at St. Michael's Hospital, a site of Unity Health Toronto, and the University of Toronto. The research team has received $10M to establish the Canadian ADAptive Platform Trial of COVID-19 Therapeutics in Community Settings (Can-ADAPT COVID).

SOCIAL ACCOUNTABILITY

Wikwemikong Tribal Police and NOSM University researchers are working together to develop a culturally-based, trauma-informed policing approach for Indigenous police services. This project has received $1,120,500 in funding from the Province of Ontario's community safety and policing grant. This initiative aims to improve community resilience related to the risk of addictions and human trafficking, train officers to better respond to trauma responses manifested by victims, as well as create trauma-informed, land-based Anishinaabe wellness support for police officers, first responders and victims involved with mental health, addictions and trafficking calls.

NOSM University is becoming home to a new international steering committee—the International Social Accountability and Accreditation Steering Committee (ISAASC). The committee will promote the integration of social accountability into medical school accreditation standards on a global scale. NOSM University was named one of ten participating schools in a global pilot of a new tool to assess social accountability. The development of this tool, led by The Network: Towards Unity for Health (TUFH), is critical as it demonstrates that an institution is meeting the highest standards of verified performance.

Northern Ontario has the highest rates of cannabis dependence in high-school students across the province. When a group of fourth-year medical students at NOSM University learned these statistics, they felt compelled to educate preteens and teenagers ages 12-18 as part of their unique advocacy curriculum. The group of students created a captivating, information-packed video to educate youth about cannabis and share harm reduction strategies using reliable resources from the Canadian Paediatric Society.

University of Manitoba | Rady Faculty of Health Sciences

EDUCATION

https://news.umanitoba.ca/dr-marcia-anderson-appointed-vice-dean-indigenous-health-social-justice-and-anti-racism/
Dr. Marcia Anderson has been appointed vice-dean Indigenous health, social justice and anti-racism of the UM Rady Faculty of Health Sciences. Anderson's portfolio includes the Office of Equity, Diversity and Inclusion, the Office of Community Engagement, and social accountability.

https://news.umanitoba.ca/medical-students-learn-skills-in-leadership/
The Max Rady College of Medicine held its first-ever Leadership Curriculum in the spring of 2021, helping fourth-year medical students prepare to be leaders. The 30-hour program explored topics ranging from interprofessional collaboration to leading in an intercultural environment.

https://umanitoba.ca/medicine/student-experience/innovation-and-scholarship-medical-education-isme
The new Office of Innovation and Scholarship in Medical Education is dedicated to promoting and supporting excellence in teaching and scholarship across the Max Rady College of Medicine. Its services include faculty development, curriculum development and support for educational research.

HEALTH RESEARCH

https://news.radyfhs.umanitoba.ca/partnering-for-maternal-and-newborn-health/
A new five-year investment of $87 million USD from the Bill & Melinda Gates Foundation will enable the UM Institute for Global Public Health and the Government of Uttar Pradesh, India's most populous state, to continue working together to support maternal and newborn health.

https://news.umanitoba.ca/30-million-for-patient-oriented-research-in-manitoba-funding-will-strengthen-patient-voice-in-health-research-and-health-system/
Manitoba patients and their families will continue to have direct input into health research and health service delivery, thanks to $6.6 million in Phase 2 funding from the Strategy for Patient-Oriented Research (SPOR), an initiative led by the Canadian Institutes of Health Research. The five-year investment will expand the capacity of the Manitoba SPOR Support for People and Patient-Oriented Research and Trials (SUPPORT) Unit. Additional contributions from the Government of Manitoba, the provincial health authority and UM brought the total investment to $30 million.

https://news.umanitoba.ca/health-of-first-nations-people-in-manitoba-worsened-compared-with-other-manitobans/
Over the past 20 years, the health of First Nations people in Manitoba has worsened, a data study by the First Nations Health and Social Secretariat of Manitoba and the Manitoba Centre for Health Policy at UM found.

https://news.umanitoba.ca/um-study-finds-living-near-trails-reduces-risk-for-heart-disease/
A UM-led study found that living near a trail used for walking, running and cycling leads to an eight per cent reduction in the risk factors for heart disease.

https://news.umanitoba.ca/covid-19-hotspots/
A data study revealing hotspots of COVID-19 infection linked to income, housing and other social determinants of health found that Winnipeg's concentration of hotspots was not as high as in other Canadian cities.

SOCIAL ACCOUNTABILITY

https://news.umanitoba.ca/med-students-advocate-for-harm-reduction/
UM medical students devoted their annual Provincial Lobby Day to speaking with provincial politicians about implementing harm reduction strategies in Manitoba.

https://news.radyfhs.umanitoba.ca/alumni-news-2/
Dr. June James, who was the first woman of colour to be admitted to medical studies at UM and graduated in 1967, received the UM Board of Governors' highest honour, the Distinguished Service Award.

https://news.umanitoba.ca/family-centre-opening-after-covid-delay/
A Family Centre has opened to serve Rady Faculty of Health Sciences students, staff and faculty. The on-campus facility provides support services, resources and networking to those who are balancing work or school with parenting or other caregiving.

https://news.umanitoba.ca/tributes-flow-at-retirement-celebration-for-dean-brian-postl/
Dr. Brian Postl, a strong supporter of equity, diversity and inclusion, has retired as the long-serving dean of medicine and health sciences at UM. In honour of his retirement, a UM scholarship has been established for Indigenous students in the health sciences.

UNIVERSITY OF SASKATCHEWAN

College of Medicine

MEDICINE.USASK.CA

EDUCATION

The college continued its important work navigating the COVID-19 pandemic during 2021-22, while bringing education programs and research activities more fully and safely back to "normal." In line with the university's guidance, the college continues to adhere to safety measures as needed for in-person activities.

The college has made important changes to its medical doctor admissions approach, with that work announced and launched recently, to draw more applicants who reflect Saskatchewan's population and ultimately stay to practice medicine here. The changes will be in effect for the next round of applications to the program, which are open from early August to October 1, 2022, with successful applicants starting the program in August 2023. Changes include a more robust process to draw students who will stay to practice medicine in the province, including in rural areas. As well, an Indigenous admissions circle will help increase the number of Indigenous people applying and gaining acceptance to the program and an Indigenous studies pre-requisite will be added to course requirements starting with applications to the program in 2024.

The college announced in September 2021 the expansion of its family medicine residency program with the opening of training in key communities in southeast Saskatchewan that includes growth in total family medicine residency seats from 48 to 52. Training will be provided in 12 rural Saskatchewan communities: Estevan, Humbolt, Moosomin, Weyburn, Yorkton, Esterhazy, Indian Head, Melville, Redvers, Strasbourg, Watrous, and Wynyard. Medical residents interested in cancer care now have the opportunity to train at home for the first time in Saskatchewan's history. The CoM is launching a new residency program in medical oncology, in collaboration with the Saskatchewan Cancer Agency (SCA), and the Saskatchewan Ministry of Health. The two-year medical oncologist residency program will welcome its first resident in July 2023.

The CoM continues to be fully accredited across all its education programs. Preparations are well underway for a full accreditation review of postgraduate medical education, taking place in 2023.

HEALTH RESEARCH

Medical research led and supported by the college and its researchers continues to grow in presence and impact. Important progress has been made across critical areas of health including heart and stroke, multiple sclerosis, cystic fibrosis, childhood epilepsy, COVID-19, and much more.

SOCIAL ACCOUNTABILITY

The USask College of Medicine substantially advanced its work to create a new Division of Indigenous Health, recruiting its first vice-dean Indigenous Health this past June. The position was created to bring Indigenous health and issues more fully to the forefront in college priorities, while also serving to improve how these critical areas are addressed. The vice-dean will bring together a team to form the college's new Division of Indigenous Health and lead that team in coordinating and enhancing existing initiatives and laying the groundwork for the longer-term plans and work of the division. The vice-dean will provide key leadership in more effectively addressing Indigenous health needs in Saskatchewan and Indigenization of the college.

UNIVERSITY OF ALBERTA

EDUCATION

MD program strategic plan

The MD program undertook a three-phase design and consultation process to develop a strategic plan. Collaborating with students, faculty members and staff, as well as stakeholders in the community, we revised our mission, goals and values to reflect our bold vision for the future.

The resulting plan — a living document, built upon the strong foundations of the Faculty of Medicine & Dentistry's Vision 2025 strategic plan, and subject to annual review — was unanimously approved by the MD Curriculum & Program Committee on March 17, 2022.

Supporting rural and regional health

The Faculty of Medicine & Dentistry recognizes the importance of experienced health professionals in rural communities. To help achieve its vision of a healthy Alberta, the Office of Rural & Regional Health has relationships with physicians in many rural communities including Grande Prairie, Lac La Biche, Peace River, Sylvan Lake, Wetaskiwin, and Bonnyville. The office helps undergraduate students who may be interested in a career as rural physicians, by offering them shadowing opportunities or elective rotations in rural communities, as follows:

- **First year:** Rural Shadowing Experience, funded through the Alberta Rural Health Professions Action Plan. This pairs each medical student with one of more than 150 physicians across about 50 rural sites for a weekend of shadow learning.

HEALTH RESEARCH

New provincial research funding for U of A aims to create made-in-Alberta vaccine and drug development pipeline

The Government of Alberta made a $55.1-million investment to take new vaccines and antiviral drugs from discovery to manufacturing. The funding will support upgrades and new facilities that are critical for the "pipeline": discovering promising compounds, testing them and running clinical trials at the university before they are then manufactured and distributed as commercial products by private industry.

Genetic variant linked to hearing loss in children treated with common chemotherapy drug

Assistant Professor Amit Bhavsar's lab has helped identify a genetic variant that increases the risk of hearing loss in children with cancer who are treated with the widely used drug cisplatin. The international study was published in the journal *Precision Oncology*. Bhavsar's team confirmed the study's genomic findings with a biological investigation using cell-based models.

SOCIAL ACCOUNTABILITY

Agreement aims to train more Indigenous physicians, improve health care for six northeastern Alberta First Nations

Six northeastern Alberta First Nations have formed a new partnership with the University of Alberta with the aim of training more Indigenous physicians and improving health care for their members.

A memorandum of relational understanding has been signed between the university and Tribal Chiefs Ventures Inc., which represents Beaver Lake Cree Nation, Cold Lake First Nation, Frog Lake First Nation, Heart Lake First Nation, Kehewin Cree Nation, and Whitefish Lake First Nation No. 128. Unlike a traditional memorandum of understanding, the new agreement focuses on the relationships that will lead to success. The three primary areas of focus are:

- recruiting more Indigenous medical school applicants, including First Nations, Inuit and Métis, as well as urban and non-status students
- improving all trainee physicians' understanding of the challenges First Nations peoples face within the health-care system. This will be achieved through the curriculum in the classroom and experiential learning within the communities.
- finding innovative educational solutions to health-care gaps with Indigenous peoples

Racism reporting launched

Thanks to work from the Anti-Racism Commitment to Change (ARCTC) task force, the faculty racism reporting process has been implemented. In support of the faculty's zero-tolerance policy for racism, the new process allows students, faculty and staff to safely report incidents of racism.

UNIVERSITY OF ALBERTA

CONTINUED...

- **Second year:** Pre-Clinical Networked Medical Education program involves four weeks in a central or northern Alberta town.
- **Third year:** optional Integrated Community Clerkship in a rural community, plus one mandatory core rural or regional rotation
- **Fourth year:** Optional year in Grande Prairie

Getting to the root of historical wellness issues in the health-practitioner community

Chief wellness officer Dr. Melanie Lewis is addressing systemic problems and helping support a healthier future state. To support clerkship sites that might need support in creating healthier learning environments Dr. Lewis has launched "hot-spot surveys" about key areas of concern for all undergraduate students at the end of their clerkships. Responding to that feedback, Lewis's team act as facilitators and collaborators, helping site leaders co-create the solutions that will support their own healthier working and learning environments.

Celebrating excellence in clinical teaching

Dr. Vijay Daniels, Professor of Medicine in the Division of General Internal Medicine, was recognized with Canada's most prestigious award for post-secondary teaching, the 3M National Teaching Fellowship. He revolutionized the medical school physical exam course with some of the most transparent assessment methods in the country. Dr. Daniels has introduced changes that reduce feedback time from several weeks to mere hours after students finish a practical exam.

Making health care more equitable one ultrasound image at a time

A new approach to scans developed at the University of Alberta pairs the accessibility of portable ultrasound with an artificial intelligence app that can analyze thousands of previous results and provide remote diagnostic support within seconds.

Free, easy-to-use tool could reduce unnecessary prostate cancer biopsies

A new risk calculator developed by Dr. Adam Kinnaird and collaborators in the United States could reduce the number of unnecessary and invasive biopsies for prostate cancer. The tool is available online for free, requires only conventional clinical data paired with data from prostate MRI scans, and targets an unmet clinical need for prostate cancer patients.

ADDRESSING INEQUITIES THROUGH RESEARCH

Helping transgender people see themselves in the health-care system

University of Alberta medical students are learning to provide safer, more inclusive care thanks to an expanded curriculum, student initiatives such as the Re:Pro podcast and the annual Inclusive Health Conference.

No clear answer to whether prescribed opioid use in children leads to later drug misuse: study

Pediatric researchers at the University of Alberta are calling for more rigorous research into the possible link between short-term opioid use for pain management in childhood and opioid use disorder later in life. The team reviewed the results of 21 previous studies but found no definitive answer to the question, according to a new study published in the journal of the American Academy of Pediatrics.

U of A researcher part of team receiving $2M from Health Canada to fight overdose epidemic

Addiction specialist and assistant Monty Ghosh is part of the team behind the National Overdose Response Service, a Canada-wide hotline aimed at preventing or reversing opioid overdoses by ensuring people don't use alone. The service provides safety, dignity and support to drug users anywhere in Canada.

UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE

EDUCATION

The Re-Imagining Medical Education (RIME) initiative takes the first broad look at undergraduate medical education (UME) in 15 years. The RIME Committee is looking at local improvements and innovation in the UME curriculum, refining the content and delivery of the program, promoting concepts such as spirality, generalism and structural competency.

The CSM is part of a provincial partnership that delivers the Rural Education Supplement and Integrated Doctor Experience, or the RESIDE program, to attract and retain physicians in rural Alberta communities.

The CSM's Community Engaged Learning program successfully places 170 first-year medical students with 13 community organizations to learn first-hand about community experiences in the health-care system.

HEALTH RESEARCH

In the largest stroke clinical trial ever run in Canada, Dr. Bijoy Menon, MD, with the University of Calgary's Cumming School of Medicine (CSM) is a co-principal investigator in this breakthrough treatment of stroke.

Led by the CSM's Dr. Debra Isaac, MD, the new Division of Transplant Medicine, a first of its kind in Canada, provides a formalized network and improved educational, research and clinical opportunities for physicians who specialize in heart transplants or in caring for advanced stage kidney, lung and liver patients.

CSM professor Dr. Zahinoor Ismail, MD, publishes a series of studies indicating the need to add new indicators for early identification of dementia, such as psychosis, hearing and gait disturbances, to help health professionals diagnose dementia sooner.

Dr. Pamela Roach, director of Indigenous Health Education at the CSM, works to improve patient and population outcomes through her research on Indigenous health. As a feature panelist for the Game Changers Series in Health Research and Health Innovation, a Research Canada initiative, Dr. Roach discusses Indigenous health systems safety (at 36:28) which examines the racism Indigenous people often experience when trying to access the health-care system, and affects on their health outcomes.

A discovery by the CSM's Libin Cardiovascular Institute research team led by Dr. Morley Hollenberg, MD, PhD, has potential to present new diabetes treatments for approximately 3.4 million Canadians living with the disease.

Dr. Stephen Freedman, MD, leads a 26-site North American investigation into a new treatment protocol for a type of E. coli infection in children that can lead to kidney failure, a six-year study funded by the National Institutes of Health.

SOCIAL ACCOUNTABILITY

In the spring of 2022, based on consultation from Elders and Indigenous community members, the CSM opened the Indigenous Hub within the Indigenous, Local and Global Health Office. Planning for the space began in 2019 when Indigenous community members provided feedback about function and design to help create a welcoming, supportive and ceremonial space for Indigenous staff, students, faculty and Elders to gather and connect.

A study led by the CSM's Dr. Suzanne Tough, PhD, and her Owerko Centre research team, part of the Alberta Children's Hospital Research Institute, in partnership with several local community organizations, is examining how to better understand supports Calgary families need to thrive, including those related to maternal well-being, mental health and child development.

Dr. Eliana Castillo, MD, co-leads a national team studying COVID-19 in pregnant women and urges COVID-19 vaccination among pregnant women as cases spike in Alberta's COVID-19 ICUs.

THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Medicine

EDUCATION

To support the UBC's faculty of medicine goal of educating, developing and mentoring future and current health practitioners who can work together effectively to serve evolving health needs, several new initiatives, milestones and learning experiences were achieved in the past year. Highlights include:

- The launch of a new admissions pathway for Black medical students to help address the underrepresentation of Black physicians in B.C.
- The Southern Medical Program celebrated 10 years of graduating doctors in B.C.'s Interior creating opportunities for many local and rural learners from diverse backgrounds to train and practise in communities closer to home.
- MD student Brayden Fishbook and clinical instructor Dr. Beth Watt worked to support community members in a makeshift clinic during B.C.'s catastrophic atmospheric river event.

HEALTH RESEARCH

During the past year, UBC researchers have made remarkable scientific breakthroughs aimed at creating, translating and implementing knowledge—at scale and at greater speed—across all research areas to increase global impact and promote improved individual and population health. Highlights include:

- For the first time, UBC researchers demonstrated that a stem cell-based treatment delivered through an implantable device can produce insulin in the human body.
- UBC scientists were the first in the world to unveil molecular-level analysis of Omicron spike protein— helping to accelerate the development of more effective treatments and shed new light on why Omicron is highly transmissible.
- UBC researchers led a $24 million project to treat spinal cord injury by using biomaterials to encourage nerve fibers to grow and bridge the injury.
- And UBC research that is accelerating scientific discovery including breakthrough cancer research, expanding the technology behind mRNA vaccines, and UBC's role in building an extraordinary bio-innovation ecosystem in B.C.

SOCIAL ACCOUNTABILITY

The UBC faculty of medicine's newly refreshed strategic plan: *Building the Future* reaffirms the fundamental premise of social accountability—the foundation of our contract with society and the contract with ourselves. Here are some of the innovative projects from the past year that are helping to improve the health and well-being of people and populations:

- Namaste Marsden, *Masemtxoxw*, was appointed the inaugural Director, Indigenous Engagement and Derek Thompson, Thlaapkiituup, was appointed Indigenous Initiatives Advisor in the Office of Respectful Environments, Equity, Diversity & Inclusion leading a regular Indigenous Initiatives speakers series.
- Dr. Michael Kobor was appointed as the inaugural Edwin S.H. Leong UBC Chair in Healthy Aging and is building a research program to understand the science of healthy aging and help people stay healthy, happy and active longer into old age.
- UBC training and research is making the health care system more responsive to people who use substances through a combination of innovative treatment approaches including injectable opioid agonist treatment, harm reduction initiatives, and addiction medicine training for healthcare professionals.
- And, internationally, UBC researchers are partnering with colleagues in Rwanda to examine the use of drones for healthcare deliveries.

THE YEAR AHEAD

APRIL 13-18
2023
QUÉBEC CITY, CANADA

International Congress on Academic Medicine

At AFMC, we have always known that gathering our community is essential to advance the collective agenda of academic medicine. As we move forward from one of the most challenging years of our times, we are thrilled to announce our big plans for the future.

In April 2023, we will be hosting the inaugural International Congress on Academic Medicine (ICAM). ICAM is a new chapter in our story. It is the first international gathering dedicated to academic medicine and will be a congress that is unparalleled in scope, providing unique opportunities to address the emerging global issues in health as related to academic medicine. ICAM will bring together educators, learners, and scholars in medical education, as well as health researchers and health research education leaders.

ICAM is taking place from April 13 to April 18, 2023, in Québec City, Canada at the Québec City Convention Centre. The core programming will take place over five days from Thursday to Tuesday allowing for business meetings before and after the congress.

AFMC is committed to providing delegates with diverse and inclusive programming. ICAM will offer a great variety of oral and poster presentations, and workshops that touch on EDI and anti-racism, health workforce planning, social accountability, wellness in academic medicine, post pandemic challenges, AI health systems, faculty development, an environmentally forward approach to medicine and much more.

We look forward to seeing you in Québec City.

What can you expect to see at #ICAM2023?



- World-renowned international speakers
- Presentations by Gairdner Laureates
- Cutting edge plenaries on Ableism, Health Workforce, Planetary Health Declaration, One Health, Tensions between AI, Humanism and Hidden Curriculum and more
- A newly incorporated Career Fair
- Dynamic and memorable networking opportunities (in-person and online)
- The AFMC Awards, including 8 new recognitions
- Workshops/orals/poster presentations from the best and brightest emerging talent
- AFMC's 80th anniversary celebration

THE YEAR AHEAD

AFMC LAUNCHES 8 NEW AWARDS

The AFMC Awards recognize and celebrate distinguished individuals for their leadership, excellence, and achievements in academic medicine. AFMC has created 8 new awards for the 2023 cycle to be presented for the first time at the International Congress on Academic Medicine (ICAM). These new awards celebrate the extraordinary accomplishments of individuals in areas that have not traditionally been recognized.

AFMC INDIGENOUS HEALTH ADVOCACY AWARD	Recognizes and celebrates the outstanding efforts of an Indigenous leader in medical education and/or health research who has worked to improve the health of Indigenous Peoples situated in Canada.
AFMC WELLNESS AWARD	Recognizes an individual who has shown dedication to the promotion and advancement of the wellness of physicians, medical students, residents, fellows, and/or graduate students, and post-doctoral scholars.
AFMC CLINICIAN-SCIENTIST AWARD	This award emphasizes the importance of excellence in clinical research which improves patient care and recognizes an individual in Canada who has provided an exceptional research training environment for medical students, residents, fellows, graduate students and post-doctoral scholars.
AFMC SCIENTIST AWARD	This award emphasizes the importance of excellence in fundamental research in advancing medical knowledge and recognizes an individual in Canada who has provided an exceptional research training environment for graduate students and post-doctoral scholars.
AFMC MENTORSHIP AWARD	Recognizes an individual who demonstrates an exemplary and sustained commitment to providing outstanding mentorship, guidance, and inspiration to trainees in Canadian faculties of medicine.
AFMC LEARNER CHANGEMAKER AWARDS	Two awards to celebrate 1) an exceptional medical learner (medical student/resident) and 2) a graduate student/post-doctoral scholar who have created real and meaningful change for those training in medicine in Canada.
AFMC JOHN RUEDY AWARD FOR EXCELLENCE IN GRADUATE HEALTH PROFESSIONS EDUCATION SCHOLARSHIP	Recognizes learners for their scholarly potential in health professions education (HPE).



2022 AFMC AWARDS

The Association of Faculties of Medicine of Canada is pleased to announce the 2022 AFMC Award Winners.

Each year, AFMC recognizes distinguished individuals for their leadership, excellence and achievements in academic medicine. The 2022 awards were presented at the annual AFMC Presidential Address and Award Ceremony event at the Canadian Conference on Medical Education, which took place in Calgary, AB, from April 23 to 26, 2022.

AFMC 2022 AWARD WINNERS

AFMC PRESIDENT'S AWARD FOR EXEMPLARY NATIONAL LEADERSHIP IN ACADEMIC MEDICINE



The award recognizes individuals for excellence and exemplary national leadership in academic medicine. Nominees are faculty members of a Canadian Faculty of Medicine with highly distinguished accomplishments and who have had an extraordinary impact on the national level.

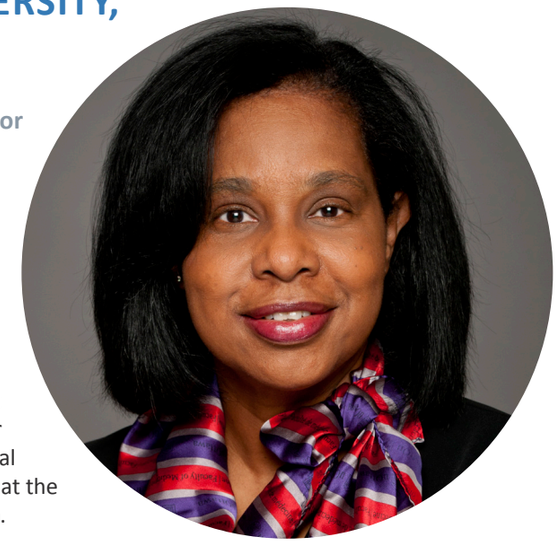
WINNER: **Dr. Glenn Regehr**

After completing his PhD at McMaster University, Glenn Regehr joined the University of Toronto as a researcher in health professions education in 1993, cofounding The Wilson Centre for Research in Health Professions Education. He moved to the University of British Columbia in 2009 to cofound the Centre for Health Education Scholarship and is currently a Scientist and Associate Director at CHES. Dr. Regehr has formally mentored over 100 students and junior faculty and has co-authored over 250 peer reviewed papers and chapters on a range of topics including: authentic clinical assessment, professionalism, professional identity formation, self-assessment, self-regulation, and feedback.

QUOTE FROM NOMINATION

"Glenn has had an unparalleled influence on the development of medical education as a viable field of scholarship in Canada through his tireless mentorship of researchers, administrators, and educators. His success derives largely from an unfailing dedication to the field as a whole, but more specifically to the desire to help nurture individuals in the field to be as good as they can be as scholars in their own right."
Dr. Dermot Kelleher, Dean, Faculty of Medicine, The University of British Columbia

AFMC MAY COHEN EQUITY, DIVERSITY, AND GENDER AWARD



This award recognizes the outstanding effort or achievement of an individual, program, department or faculty in improving the gender-equity environment and diversity in academic medicine in Canada. Named after May Cohen, the award is to exemplify the characteristics that she represents.

WINNER: **Dr. Sharon Whiting**

Dr. Sharon Whiting, Vice Dean, Faculty Affairs, Faculty of Medicine, University of Ottawa is an Associate Professor in the Department of Pediatrics and a pediatric neurologist at the Children's Hospital of Eastern Ontario. She received her medical degree from the University of the West Indies, Royal College of Canada certification in Pediatrics and Neurology at the University of Ottawa and the University of British Columbia.

Her portfolio includes Equity, Diversity, and Inclusion where she is responsible for culture change, education and mentorship in all aspects of EDI at the medical school. She is a member of the executive of the interdisciplinary Centre for Black Health, Canada's first academic research center dedicated to the study of biological, social, economic and cultural determinants of health in Black communities. She is a member of the Black Physicians Association of Ontario and directs a mentorship program for Black medical students in Ottawa.

QUOTE FROM NOMINATION

"Dr. Whiting clearly personifies an excellent leadership role. She not only knows how to take a stand for a just cause but also realizes the importance of giving the original voices the power and authority to come forward as leaders themselves." Dr. Bernard Jasmin, Dean and Professor, Faculty of Medicine, University of Ottawa

AFMC 2022 AWARD WINNERS



AFMC YOUNG EDUCATORS AWARD

The AFMC Young Educators Award recognizes the outstanding effort or achievements of an individual within their first seven years as a faculty member who produced change within their Faculty or the general medical community through their vision, work, and interaction with colleagues.

WINNER: **Dr. Robert Sternszus**

Dr. Robert Sternszus is a Hospitalist Pediatrician and Assistant Professor of Pediatrics and Health Sciences Education at McGill University. He served as the Director of the McGill Pediatrics Residency Program from 2017-2021 and is a member of the Residency Accreditation Committee of the Royal College of Physicians and Surgeons of Canada. Dr. Sternszus is also the Co-Director of the Foundations in Medical and Health Sciences Education Elective at the McGill Institute of Health Sciences Education. His scholarship focuses on role modeling and professional identity formation (PIF), with current work exploring PIF and competency-based education programs. He received a 2021 Certificate of Merit from the Canadian Association of Medical Education (CAME).

QUOTE FROM NOMINATION

"Dr. Sternzus has demonstrated himself to be a gifted and passionate teacher, a productive innovator and researcher in medical education, an outstanding residency program director and education leader, and a valued member of several medical education initiatives and committees at local, national, and international levels." David Eidelman, Dean, Faculty of Medicine and Health Sciences, McGill University

AFMC CLINICAL TEACHER AWARD

The AFMC Clinical Teacher Award recognizes excellence in clinical teaching by an individual faculty member in a Faculty of Medicine in Canada. This award was established in 2014 and is intended to emphasize the importance of clinical teaching in academic medicine.



WINNER: **Dr. Edward Etchells**

Dr. Edward Etchells is a staff physician in the Division of General Internal Medicine at Women's College Hospital and Sunnybrook Health Sciences Centre (SHSC), University of Toronto. He has been an academic general internist at the University of Toronto since 1994. He has learned from teachers outside of medicine, from Tae Kwon Do to Yoga classes.

When he described his numerous physical limitations to his accomplished Tae Kwon Do teacher, his teacher said "No problem. Let's get started," which taught Dr. Etchells to start learning no matter what barriers you perceive. After yet another Yoga class featuring his so-called poor flexibility, balance and focus, his teachers will share a tip then say, "see you tomorrow." Dr. Etchells favorites moments are when old students say: "I remember when you taught me this and it is still useful."

QUOTE FROM NOMINATION

"There are many attributes that set Dr. Etchells apart including his humility, passion for life-long learning, and his ability to make teaching sessions enjoyable for trainees and faculty. His mentorship to colleagues, junior faculty, students and trainees is invaluable." Dr. Patricia Houston, Acting Dean, Temerty Faculty of Medicine, University of Toronto

AFMC 2022 AWARD WINNERS

AFMC JOHN RUEDY AWARD FOR INNOVATION IN MEDICAL EDUCATION



To honour Dr. John Ruedy on his retirement as Dean of Medicine at Dalhousie University in 1999, the Faculty of Medicine established a national award in his name. The AFMC – John Ruedy Award for Innovation in Medical Education will be awarded to an individual or group who has developed innovative print materials, electronic learning aids or other teaching aids.

WINNER: **Dr. Paula Ravitz**

Dr. Paula Ravitz MD, Associate Professor of Psychiatry at University of Toronto, has developed multi-media curricula, and taught evidence-supported psychotherapy practices locally and globally.

Dedicated to improving access, care quality and clinical outcomes, she created the Psychotherapy Essentials to Go 6-book/video series for post-grad medical education and knowledge translation. She authored online, case-based interactive training in Interpersonal Psychotherapy, Canadian guidelines on psychotherapy depression treatments (CanMAT), and the Canadian Psychiatric Association's position statement on Psychotherapy in Psychiatry. Her research collaborations have focused on virtual delivery of perinatal depression treatment, culturally-adapted IPT for Ethiopians, and psychotherapy knowledge translation to improve therapeutic alliances and outcomes.

QUOTE FROM NOMINATION

"Dr. Ravitz is a physician-scholar and global leader in psychotherapy training and education whose innovative, effective and sustainable medical education initiatives have enriched not only her field of expertise, but have become valuable resources for interprofessional clinical education." Dr. Patricia Houston, Acting Dean, Temerty Faculty of Medicine, University of Toronto

AFMC CHARLES BOELEN INTERNATIONAL SOCIAL ACCOUNTABILITY AWARD

This award – named after Dr. Charles Boelen, a world leader in Social Accountability – celebrates individuals, groups of people or organizations whose professional accomplishments reflect the principles of social accountability as defined in the Global Consensus for Social Accountability of Medical Schools.



WINNER: **Community Health and Social Medicine (CHASM) Incubator**

The Community Health and Social Medicine (CHASM) Incubator is a student-led organization based at McGill University that tackles health inequity in Montreal by catalyzing sustainable projects between medical students and community partners. CHASM does this by offering mentorship, funding and a social innovation curriculum to help build and scale initiatives. Since being founded in 2017 by 5 medical students, CHASM has raised over $43,000 to support 20 projects in partnership with community organizations across Montreal. CHASM and its teams have co-created innovative solutions to issues ranging from period poverty to health care barriers experienced by asylum seekers.

QUOTE FROM NOMINATION

"The CHASM Incubator model combines the efficiency and entrepreneurial nature of the private sector with the evaluative tools and principles of public health. From a rigorous application process to offering co-design workshops, this student-led initiative promotes a unique grassroots approach that encourages collaborative problem-solving spanning across disciplines, rather than siloed or duplicative efforts." Dr. Charles P Larson, Interim Director, McGill University Global Health Programs

AFMC 2022 AWARD WINNERS



AFMC AWARD FOR OUTSTANDING CONTRIBUTION TO FACULTY DEVELOPMENT IN CANADA

The AFMC Award for Outstanding Contribution to Faculty Development in Canada recognizes excellence in faculty development by an individual faculty member in a Faculty of Medicine in Canada. This award is intended to emphasize the importance of faculty development in academic medicine.

WINNER: **Dr. Teresa Chan**

Dr. Teresa Chan is an Associate Professor and the Associate Dean of Continuing Professional Development within the Faculty of Health Sciences (FHS), McMaster University. Currently, she served as the Assistant Dean, Program for Faculty Development FHS, McMaster from 2019-2021. She was the Director of the RCPSC Clinician Educator Area of Focused Competency Diploma program from 2018-2021.

She is a nationally-recognized educator, receiving the 2017 Young Educator's Award from the Association of Faculties of Medicine of Canada and the 2019 Canadian Association of Medical Education Meridith Marks New Educator Award. She is the national RCPSC's Specialty Committee Chair of the Clinician Educator Area of Focused Competency program. She serves on the editorial boards of multiple journals including: Academic Medicine, Journal of Graduate Medical Education, Perspectives in Medical Education, and AEM Education & Training. Dr. Chan completed her medical school at Western University (Go Meds2008!), and then completed her residency in the RCPSC emergency medicine training at McMaster University. In 2016, she completed a Masters of Health Profession Education at the University of Illinois at Chicago.

Dr. Chan is very well known for her scholarship in faculty development and online education research. She is one of the founding members of the METRIQ Study group. She is the Chief Strategic Officer for the CanadiEM digital community of practice. She is a Senior Advisor of the international Faculty Incubator program for the Academic Life in Emergency Medicine (ALiEM) group. For ALiEM, she has also served on their Editorial Board and was a lead of the Medical Education in Cases Series. Dr. Chan is also interested in developing medical education innovations (and evaluating them!). For instance, she has co-developed and is evaluating a serious game about emergency department flow called GridlockED.

QUOTE FROM NOMINATION

"An accomplished medical educator, administrator and emergency room physician, Dr. Chan has broadly demonstrated outstanding and sustained leadership in faculty development. In addition to her contributions as a regionally impactful educator of her fellow faculty members, she has established an international reputation as a scholar examining how health professionals can best use social media to increase health literacy in both physicians and the lay public." Dr. Paul O'Byrne, Dean & Vice-President, Faculty of Health Sciences, McMaster University

AFMC GOLD HUMANISM AWARD AND LECTURE



The AFMC Gold Humanism Award and Lecture was created in 2018 to emphasize, reinforce and enhance the importance of humanistic qualities among medical school students and faculty.

WINNER: **Dr. Martina Kelly**

Dr. Martina Kelly is a family physician, professor of family medicine, and the undergraduate director for family medicine at the Cumming School of Medicine, University of Calgary. Originally from Ireland, Martina moved to Canada in 2012. Most of her career has focused on undergraduate medical education. For Martina, relationships are at the heart of good clinical practice and education. Her primary research focuses on how relationships are often embodied, experienced and expressed without words, through our senses including touch.

QUOTE FROM NOMINATION

"Dr. Kelly is a role model for our students and residents and inspires our faculty in their work. Her work leaves the medical profession in no doubt that it must not lose touch with its humanistic mission." Jon Meddings, Dean, Cumming School of Medicine, University of Calgary

AFMC BOARD OF DIRECTORS

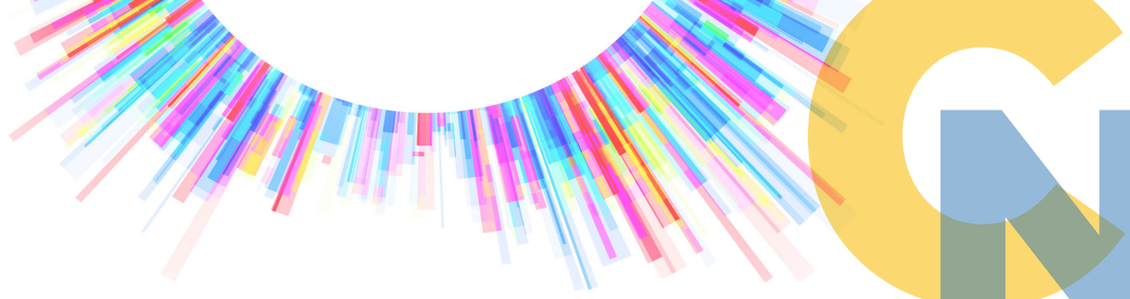
BACK (L TO R): **Dr. John Yoo** (Dean, Schulich School of Medicine & Dentistry, Western University), **Ms. Anne McFarlane** (Public Member), **Dr. Julien Poitras** (Doyen - Faculté de médecine, Université Laval), **Dr. Jon Meddings** (Dean, Cumming School of Medicine, University of Calgary), **Dr. Brian Postl** (Dean, Max Rady College of Medicine, University of Manitoba), **Dr. Paul O'Byrne** (Dean & Vice-President, Faculty of Health Sciences, McMaster University).

MIDDLE (L TO R): **Dr. Geneviève Moineau** (AFMC President and CEO), **Dr. David Anderson** (Dean, Faculty of Medicine, Dalhousie University), **Dr. Kaylynn Purdy** (Public Member), **Dr. Margaret Steele** (Dean, Faculty of Medicine, Memorial University of Newfoundland, Chair of the AFMC Board), **Dr. Jane Philpott** (Dean, Faculty of Health Sciences, Queen's University).

FRONT (L TO R): **Ms. Maureen Quigley** (Public Member), **Dr. Preston Smith** (Dean, College of Medicine, University of Saskatchewan), **Dr. Brent Norton** (Public Member).

ABSENT: **Dr. Patrick Cossette** (Doyen, Faculté de médecine, Université de Montréal), **Dr. Bernard Jasmin** (Dean, Faculty of Medicine, University of Ottawa), **Dr. Dominique Dorion** (Doyen, Faculté de médecine et des sciences de la santé, Université de Sherbrooke), **Dr. David Eidelman** (Vice-Principal (Health Affairs) & Dean Faculty of Medicine, McGill University), **Dr. Brenda Hemmelgarn** (Dean, Faculty of Medicine & Dentistry, University of Alberta), **Dr. Sarita Verma** (President and Vice Chancellor, Northern Ontario School of Medicine University), **Dr. Dermot Kelleher** (Dean, Faculty of Medicine, University of British Columbia), **Dr. Trevor Young** (Dean, Faculty of Medicine, Vice-Provost, Relations with Health Care Institutions, University of Toronto)





AFMC COMMITTEES AND NETWORKS

AFMC COMMITTEES

Continuing Professional Development

Chair: Dr. Suzan Schneeweiss, University of Toronto

Vice-Chair: Dr. Vernon Curran, Memorial University of Newfoundland

EDI & Anti-Racism

Chair: Dr. Saleem Razack, McGill University

Faculty Development

Chair: Dr. Joanne Hamilton, University of Manitoba

Graduate Studies

Chair: Dr. Aimee Ryan, McGill University

Indigenous Health

Co-Chair: Dr. Marcia Anderson, University of Manitoba

Co-Chair: Dr. Darlene Kitty, University of Ottawa

Postgraduate Medical Education

Chair: Dr. Matthieu Touchette, Université de Sherbrooke

Vice-Chair: Dr. Ravi Sidhu, University of British Columbia

Student Affairs

Chair: Dr. Greg Radu, Memorial University of Newfoundland

Co-Chair: Dr. Natasja Menezes, McMaster University

Undergraduate Medical Education

Chair: Dr. Claude Labrie, Université Laval

Vice-Chair: Dr. Cheryl Holmes, University of British Columbia

Graduate Students & Postdoctoral Scholars

Chair: Dr. Peter Nickerson, University of Manitoba

Wellness

Co-Chair: Dr. Leslie Flynn, Queen's University

Co-Chair: Dr. Cathy Vardy, Memorial University

AFMC NETWORKS

Admissions

Co-Chair: Dr. Owen Prowse, Northern Ontario School of Medicine

Co-Chair: Dr. Rabiya Jalil, University of Calgary

Clerkship

Chair: Dr. Norah Duggan, Memorial University

Clinical Skills

Chair: Dr. Barbara Power, University of Ottawa

Distributed Medical Education

Chair: Dr. Sharon Hatcher, Université de Sherbrooke

Elective Coordinators

Chair: Dr. Jim Butler, University of Manitoba

Faculty Affairs & Professionalism

Chair: Dr. Andrea Lum, University of Toronto

Faculty Undergraduate Accreditation Leads (FUAL)

Chair: Dr. Aaron Chiu, University of Manitoba

Francophone Minorities

Chair: Danielle Barbeau-Rodrigue, Northern Ontario School of Medicine

Global Health

Chair: Ms. Tasha Ayinde, Memorial University of Newfoundland

Informatics

Chair: Mr. Sean O'Neill, Memorial University of Newfoundland

Institutional Advancement

Chair: Ms. Susan Emigh, McMaster University

Interprofessional Education

Co-Chair: Dr. Gayle Adams-Carpino, Northern Ontario School of Medicine

Co-Chair: Dr. Moni Fricke, University of Manitoba

Libraries

Chair: Ms. Patty Fink, Northern Ontario School of Medicine

Postgraduate Affairs

Co-Chair: Dr. Amanda Condon, University of Manitoba

Co-Chair: Ms. Pamela Bere, Western University

Senior Administrators

Co-Chair: Mr. Greg Power, University of Saskatchewan

Co-Chair: Ms. Anne Weeden, Dalhousie University

Senior Education Deans

Chair: Dr. Roger Wong, University of British Columbia

Social Accountability

Co-Chair: Dr. Erin Cameron, Northern Ontario School of Medicine

Co-Chair: Dr. Éric Lachance, Université de Sherbrooke

AFMC TEAM

FRONT ROW, FROM LEFT TO RIGHT: Tara Beattie, Geneviève Moineau, Anna Karwowska. BACK ROW, FROM LEFT TO RIGHT: Luisa Marini, Fatou Thioune, Ashley Mahoney, Jon Kimball, Fran Kirby, Melissa Shahin, Nada Strathearn, Cindy Brassard, Marie Horton, Natalie Mason, Angela Kojok, Maria Giancioppi, Amanda Avelar, Cindy Maley, Susan Blackmer, Jacqueline Burke, Helen Lefebvre, Ola Ayoub, Kayla Kidd, Annie Barrette.

ABSENT FROM PHOTO: Adriana Cull, Marty Huynh, Vanessa Raposo Da Silva, Lawrence Patterson, Hussein Noureddini, Lan Ying Gu, Yuri Berestetsky, Geoff Barnum, Leslie Forward, Sharon Pinnock, Marianne Morwick, Claudine Le Quellec, Lise Dupéré, Aïda Bangoura, Mary Cunningham, Meaghan Mallory, Colin Alldritt, Joyce Sham, Robert Van Hoorn, Joyce Katshunga, and Mallory Scott.

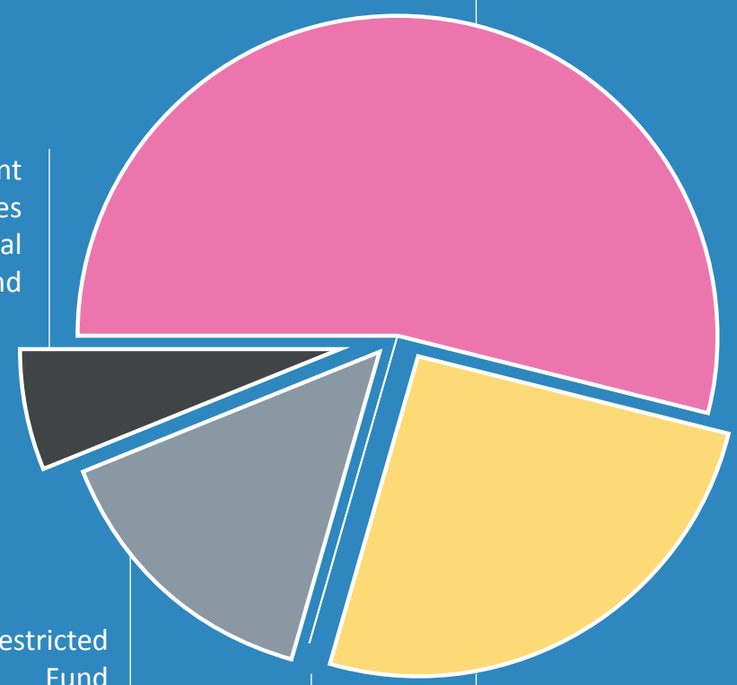


FINANCIAL SNAPSHOT 2021-22

Net assets as of June 30, 2022

The 2021-2022 fiscal year closed with the AFMC in an overall stable financial position. Audited financial statements are available to all members upon request.

As a registered charity, the general public can see further details of AFMC's financial information through the Government of Canada.



53.8% Internally restricted funds (CMEJ, CAPER, Student Portal, Contingency, Wind-Up)

5.9% Endowment Fund – Charles Boelen Social Accountability Fund

14.5% Unrestricted Fund

0.03% Invested in Tangible Capital and Intangible Assets – Proprietary Software, Equipment, Etc.

25.3% Externally Restricted Funds – CCME, CACMS



THANK YOU

If there is one thing that we have learned from the past challenging years it's that the support of others is essential to help us navigate these difficult times. We can only achieve excellence in education, research and social accountability because of collaborative efforts of our members, partners and learners. We would like to recognize the hard work of our academic medicine community and thank you for your relentless commitment to improving the health of Canadians.

AFMC THE ASSOCIATION OF FACULTIES OF MEDICINE OF CANADA