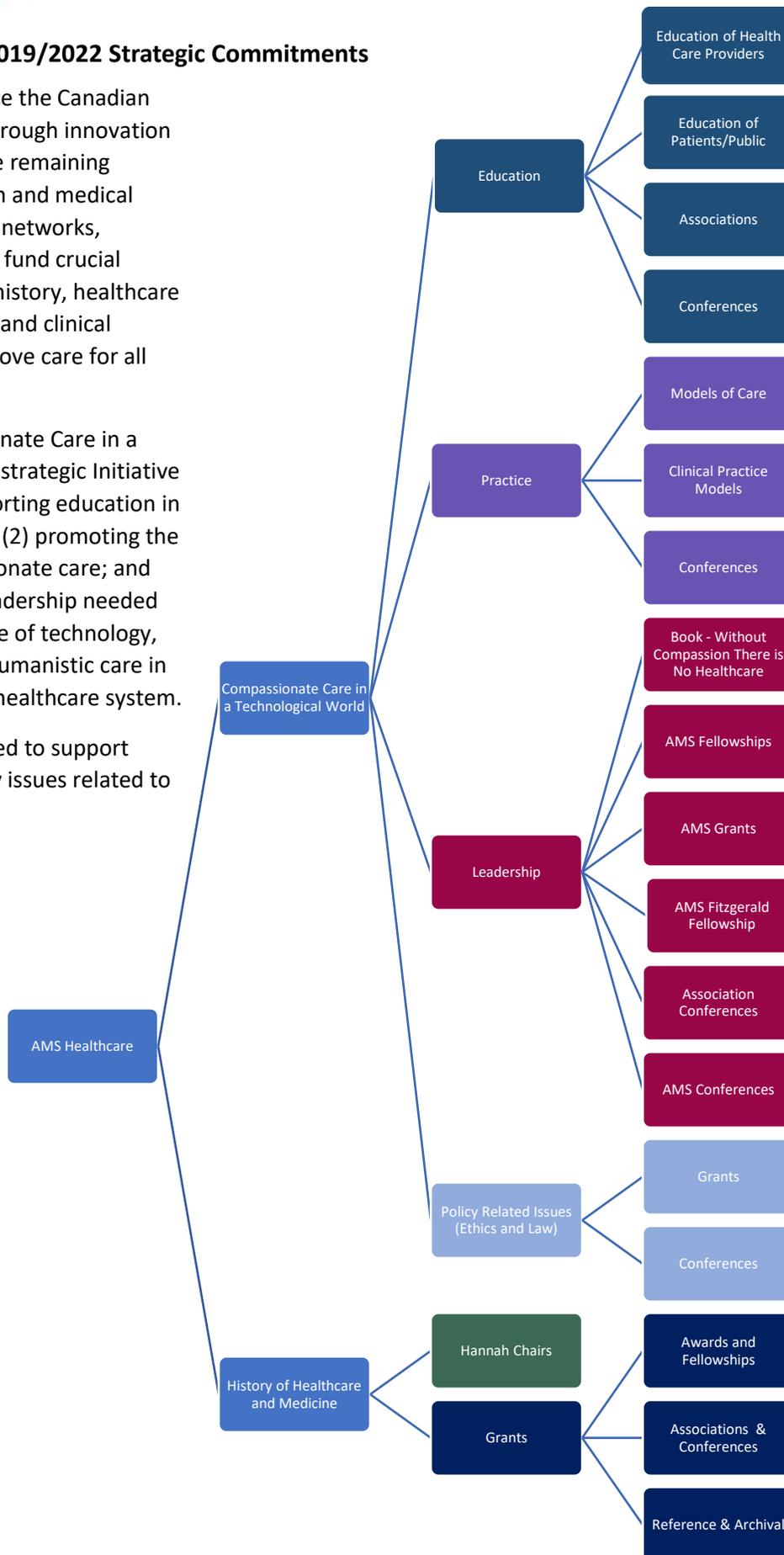


AMS Healthcare 2019/2022 Strategic Commitments

AMS seeks to advance the Canadian healthcare system through innovation and technology while remaining rooted in compassion and medical history. We convene networks, develop leaders, and fund crucial activities in medical history, healthcare research, education, and clinical practice to help improve care for all Canadians.

The AMS' Compassionate Care in a Technological World strategic Initiative focuses on: (1) supporting education in compassionate care; (2) promoting the practice of compassionate care; and (3) facilitating the leadership needed to realize the promise of technology, while safeguarding humanistic care in our rapidly evolving healthcare system.

AMS is also committed to support Ethics and Law policy issues related to these directions.



AMS Healthcare 2019-2022 Strategic Commitments

Compassionate Care in a Technological World

Version – June 2021 Update

NB – Grey Font is content with no update since June 2021

Focus	Activity	Progress to Date
<p>Education</p>	<p>Education of Health Care Providers</p>	<p>CFPC – The <i>Tech Forward and Shaping the Vision for Integration of Compassionate Care in Family Medicine</i> has two components including a fellowship and establishing a steering committee to lead the future strategy to address compassion and technology in Family Practice. Dr. Jaky Kueper was announced as the first CFPC-AMS TechForward Fellow May 2021.</p> <p>Nursing –AMS continues to work with the RNAO in follow up to the report <i>Nursing & Compassionate Care in the Age of Artificial Intelligence: Engaging the Emerging Future</i> released in October 2020. Report dissemination activities continue (papers, publications). There is a meeting planned for September to discuss how to align action on the recommendations with the current pressures with the nursing workforce (e.g., nursing shortage and the potential of automation, development of new models of care, etc.).</p> <p>AFMC - AFMC-AMS co-designed an event on <i>Data Science, AI, and Compassion - How do we need to shape medical education? What should every physician know?</i> planned for April 2020 was cancelled. A briefing paper entitled <i>The Impact of Artificial Intelligence on Clinical Judgment: A Briefing Document</i> by Benjamin Chin-Yee and Ross Upshur was developed to support this workshop and is now posted on the AMS website.</p> <p>FMRAC (Federation of Medical Regulatory Authorities of Canada) – G. Paech participates on a FMRAC Steering Committee on AI. At the July 8th meeting, the steering committee reviewed the evaluation of the conference and discussed next steps.</p> <p>CFHI/HEC – AMS participates on an advisory committee to the Healthcare Excellence Canada (formerly CFHI) strategic initiative on Health and AI. This initiative is to convene a dialogue focused on implications of AI for the health sector, as well as barriers, opportunities and system-level needs in Canada and discover opportunities for HEC and other key stakeholders to support the implementation of AI in Canada’s health sector. Four virtual Policy Labs were held through April and May 2021. The final report from these will be available by the end of the Summer.</p> <p>Medical Council of Canada – The MCC is responsible for medical examination development in Canada and is interested in working with AMS as they consider how compassion and technology/AI might be integrated into standards and exams. The <i>AMS Healthcare Small Grants Program</i> funded Breanne Oryshak PhD (instruction designer at MCC) who is leading the project <i>Mind the gap: Addressing the educational gap for virtual care competencies</i>. Investigators will identify the gaps between stated competencies for virtual care and what physicians are</p>

Education		<p>experiencing, and then design a virtual care learning module addressing these gaps in preparation for practice of these competencies in a workplace environment.</p> <p>RCPSC - Published their <i>Task Force Report on Artificial Intelligence and Emerging Digital Technologies</i> in February 2020. G. Paech is in discussion with Tanya Horsley at the RCPSC and has been invited to participate in a virtual event.</p> <p>Seed funding has been provided to several activities including simulation in mental health and COVID-19 (University of Ottawa, School of Nursing); leadership in public health (Dalla Lana School of Public Health) and the Accountable Care Symposium (February 2020).</p> <p>AMS partnered with <i>Healthy Debate</i> to create a new section featuring six articles on Compassion and Technology. These articles were published over May and June. Further information on this initiative is included in the <i>Communication Strategy</i>.</p>
	Education of Patients/Public	The final report of the <i>Hearing Your Voices: A Virtual Conference on Compassion and Technology for Patients, Family and Caregivers</i> , is ready for dissemination to conference participants and key stakeholder. The document will be disseminated with key messages late September/early October.
	Associations	Annual 2021 funding for 6 Ontario Medical School Association Medical (OMSA) Student Education Research Grant (MSERG) has been dispersed. OMSA reported that they had an overwhelming response and interest in the grants. Unlike previous years, most had a strong focus on technology, although they continue to need to strengthen the focus on compassion.
	Conferences	AMS provides annual funding for selected educational conferences aligned with AMS objectives. Several organizations have returned or will not require funding this year due to event cancellations.
Practice	Models of Care	<p>SE Health HOPE Program: SE Health, in collaboration with AMS has captured the learning from the HOPE Model and has developed a “guidebook” of lesson learned for the public and healthcare professionals to assist in the adoption of this transformative model of home and community care. It includes practical tools for those designing new ways to organize, fund and deliver home care for the 21st century with an emphasis on integrating technology into the care experience, while maintaining compassion. This resource has been prepared with a wide range of audiences in mind; including home & community care organizations, health systems, hospitals or any organizations who are considering similar management-free, client-focused models of delivering care in homes and communities. The guidebook can be accessed at the HOPE Model Guidebook</p> <p>AMS partnered with UHN Open Labs with funding to support the development of products and technology-enabled solutions that address the gaps in support that seniors face while aging in vertical communities (NORCs). The final reports (N=3) are publicly available at http://verticalaging.uhnopenlab.ca OpenLabs received additional funding from the Centre for Aging and Brain Health Innovation (CABHI) to build out the Connected Care Hub (CCH) model, including an 'immersive prototype'. There has been considerable interest in vertical aging/NORCS work particularly related to the impact of COVID-19 and this innovation for community living older adults. Open Labs and AMS co-hosted a sold-out webinar on the project on February 9th.</p>

		Developed a partnership agreement with OSSU-SPOR and secured grant applications for 2019. Two grants awarded in Fall 2019 for projects occurring during 2020. The grants funded include: (1) Automating the Scale Up and Spread of a Wellness Promotion Initiative for Indigenous Children (Laurentian University) and (2) Systematically Applying an e-prognostication tool (RESPECT) to Improve End-of-Life Conversations and Decision Making in the Community (The Ottawa Hospital). Both grants have been given extensions due to COVID-19.
	Clinical Practice Models	Ontario Regulatory Colleges - College of Nurses of Ontario (CNO) is the lead organization with the <i>Advisory Group for Regulatory Excellence (AGRE)</i> and 6 Ontario regulatory colleges (Physicians/Surgeons, Pharmacists, Dental Surgeons, Physiotherapists, Optometrists, Medical Radiation Technologists and Sonographers) participating to discuss developing <i>Technology Competencies for Regulated Health Professionals</i> . Two Virtual Regulatory Summits (2 hours each) were held in June with 24 participants from across the colleges. The report from these Summit should be available in September 2021.
	Conferences	
Leadership	Book - <i>Without Compassion</i>	The AMS book <i>Without Compassion There is No Healthcare: Leading with Care in a Technological Age</i> written by members of the AMS community and edited by B. Hodges, G. Paech and J. Bennett was released November 18 th . Sales have been going well and the book is already in second printing (745 of books sold). A very successful book launch was held May 11, 2021, Moderated by Jane Philpott with panelist Brian Hodges, Gillian Strudwick and Tina Martimianakis. Further activities are outlined in the <i>Communication Strategy</i> .
	AMS Fellowships	Recommendations for the 2021 <i>AMS Fellowships in Compassion and Digital Technology/AI</i> will be reviewed at the September Board Meeting. Twenty-one applicants moved forward to full proposal, and 12 are being recommended for funding (see the Grants and Fellowships Briefing Note for further information). These recommendations will be presented for approval at the September Board Meeting. The contract with OSSU for the <i>AMS in Compassion and Digital Technology/AI Fellowships and Grants</i> administration and expert review has been extended to December 2023. We are planning to launch the 2022 <i>AMS Fellowships in Compassion and Digital Technology/AI</i> in November 2021. This will enable final decision making on the Fellowships and Grants by June 2022. We have developed an integrated tracking system for all AMS Grants and fellowships in Compassion/Technology and History of Medicine.
	AMS Grants	The 2021 AMS Small Grants Program attached 18 applications and 9 are being recommended for funding. Please see the Grants and Fellowships Briefing Note for further information. Final recommendations for the grants will be reviewed at the September Board meeting. We are planning to launch the 2022 <i>AMS Small Grants in Compassion and Digital Technology/AI</i> in late January/February 2022. This will enable final decision making on the Fellowships and Grants by June 2022.
	AMS/Fitzgerald Fellowships	Planning for the AMS-Fitzgerald Fellowship has continued to make progress despite the COVID-19 response stretching the faculty thin at the DLSPH. Progress has been slower than originally hoped however, the pace is picking up rapidly. We anticipate being able to launch the Fellowship in late fall 2021 or early 2022. The core fellowship

Leadership		<p>team comprises DLSPH faculty members with diverse expertise in: AI/big data (Laura Rosella, Rafal Kustra), health informatics (Emily Seto, Julia Zarb), health leadership (Tina Smith, Christine Shea), health humanities (Jennifer Gibson – Faculty Lead, Ross Upshur, Julia Zarb), AI/ethics (Jennifer Gibson, Jay Shaw, Ross Upshur), and program design (Christine Shea, Tina Smith). In addition to the core fellowship team, there will be a program administrative team, including a program director and administrative coordinator, who will be responsible for program operations. Recruitment efforts have begun.</p> <p>The AMS-Fitzgerald Fellowship is novel program at the intersection of AI, leadership, and human-centred approaches. An updated environmental scan of AI-related leadership programs was completed in March 2021 and found no equivalent programs in Canada, the US or elsewhere at this time. Given its novelty, excellence in program design and curriculum development is essential. In addition to applying best practices in educational programming for adult learners, we are adopting a co-design approach with key stakeholders to ensure program fit with emerging leadership needs, cultivate health sector champions, and foster collaboration with the institutions and actors who share an interest and have a stake in human-centred leadership in AI. We hope that several of these stakeholders may serve as mentors within the Fellowship program, guest speakers, and/or institutional sponsors of Fellowship applicants. Current and immediate next steps include:</p> <ul style="list-style-type: none"> • Environmental scan of AI-related leadership programs (completed: March 2021) • Survey of recent publications on leadership competencies for human-centred AI (ongoing) • Key stakeholder outreach (June 2021) • Co-design workshop (late June/early July 2021) • Program administrative team recruitment (June/July 2021) • Program promotion (Aug 2021) <p>DLSPH will provide a next update at the end of August.</p>
	Associations/ Conferences	<p>Vernissage Health launched a new podcast about healthcare leadership, called Built to Lead. This podcast is part of Vernissage Health™, an innovative leadership development project for IHPME's most promising emerging leaders in health care and ensures the underpinnings of the dialogue series are accessible to all IHPME students and alumni. The inaugural season of the Built to Lead podcast was entitled "Leadership: From Self-Doubt to Confidence." The five episodes cascade with a focus on the podcast guests' leadership insights and experiences, starting with leadership perspectives of current students, recent alumni early in their career, mid-career leaders, and finally, concluding with established leaders with broad system experience. The final episode of the podcast is planned as an online webinar. AMS is in the final year of funding as a Partner of Vernissage Health.</p> <p>We historically provide annual funding for selected conferences aligned with AMS objectives (i.e., CFPC, RCPSC/CCME, CAHSPR). Funding is on hold for 2021 due to lack of requests.</p>
	Conferences	<p>AMS provided sponsorship and had a virtual presence at two leadership conferences including the Canadian Association for Health Services and Policy Research (CAHSPR) & the National Health Leaders Conference (NHLC).</p>
	AMS Conference	<p>AMS is planning a virtual conference in the spring of 2022. Recommendations will come forward for discussion at the September Board Meeting.</p>

	AMS 85 th Anniversary Event	The AMS 85 th Anniversary Dinner and Speaker is on hold. We will reassess to see if it can be held in the Fall 2022.
Policy Related Issues	Grants	AMS is in Year 2 funding for the Joint Centre for Bioethics programs on AI and the Ethics of Care. We provided an extension to the grant due to the pandemic. We received the 20230 annual report in the winter 2021. AMS is providing two years of funding (\$15,000/annum) for the University of Ottawa Faculty of Law seminar and symposium series <i>Using Law to Foster Compassionate Health Care in a Technological World</i> . This series is focussed on showcasing multi-disciplinary work in health law, policy, and ethics.
	Conferences	

History of Healthcare and Medicine

Focus	Activity	Progress to Date
Hannah Chairs		We are considering the timing for the 2021 Hannah Chair meeting.
Grants	Awards and Fellowships	The 2021 History of Medicine Post-Doctoral Fellowships, Doctoral Completion Awards and Project Grants transitioned to a co-management model with OSSU managing call and adjudication of the proposals, and AMS managing the ongoing aspects of the awards. We received one application to the doctoral completion award (designated funding = 3 @\$25K), 4 applications for the post-doctoral award (designated funding = 2 @\$47,500) and 6 applications to the grants program (designated funding = 5 @\$10K). Recommendations from the OSSU Expert Panel were reviewed by the newly formed AMS History of Medicine (HoM) Grants committee and these recommendations will be presented for approval at the September Board Meeting (see the Grants and Fellowships Briefing Note for further information).
	Associations & Conferences	In partnerships with the Canadian Society for the History of Medicine (CSHM), four Hannah Studentships were awarded in 2021. Topics were well focussed on HoM, technology and compassion. Students were funded from Lakehead, Université du Québec à Trois-Rivières, UBC and Vancouver Island University. AMS continues to support the CSHM and Canadian Association for the History of Nursing (CAHN) annual conference and this year Ms. Gail Paech will provide opening remarks to the virtual event. We also used this event to promote the AMS HoM Awards. Funding provided to the Toronto Medical Historical Club event to celebrate the 100-year Anniversary of the discovery of insulin. This event was to be held in November 2021 but has been postponed to May 2022. We provided the Toronto Medical Historical Club a grant to publish <i>Making History: Toronto Medical Historical Club 1924-2018</i> which has now published. We provided sponsorship for the annual University of Calgary History of Medicine Days Virtual Conference held in February 2021. The conference was very well attended.



Reference/
Archival

Worked with McGill Queens University Press to advance publication of and interest in the AMS History of Medicine and Healthcare series.

McGill-Queen's/Associated Medical Services Studies in The History of Medicine, Health, And Society

- L.R. Wilson Institute for Canadian History 2020 Wilson Book Prize, Honorable Mention Sasha Mullaly and David Wright, *Foreign Practices: Immigrant Doctors and the History of Canadian Medicare* (2020)

- *Ethnopsychiatry* by Henri F. Ellenberger, edited by Emmanuel Delille, Translated by Jonathan Kaplansky (2020)

- *Challenging Choices: Canada's Population Control in the 1970s.* By Erika Dyck and Maureen K. Lux (2020)

- *An Ambulance on Safari: The ANC and the Making of a Health Department in Exile.* By Melissa Diane Armstrong (2020)

AMS is supporting the publication through the MQUP of ***Transforming Medical Education: Historical Case Studies of Teaching, Learning, and Belonging in Medicine*** a collection in honour of Jackie Duffin. The book will include a page at the back of the book to outline AMS's long history and dedicated support for the history of medicine in Canada. The MQUP will endeavor to have the book available in time for the AMS 85th Anniversary Celebration 2022.

AMS HEALTHCARE COMMUNICATIONS PLAN FALL 2021

Distribute Books to Key Influencers

Complimentary copies of “Without Compassion” were sent to approximately 100 Influencers located across Canada. A short survey was sent to recipients. There was approximately a 10% response rate. Quotes have been collected from all surveys returned and will be used to promote the #WithoutCompassion book throughout the year. We also plan to run a promotional campaign on twitter promoting the book as a good gift for the holidays during the month of November.

Book Promotional Articles – Healthy Debate

The final three articles in our 7-part series *Without Compassion There Is No Healthcare* appeared on Healthy Debate and were shared via social media – with Andre Picard retweeting!

On June 8th the article entitled “*Could AI make health care more human?*”
<https://healthydebate.ca/2021/06/topic/ai-health-care-more-human/>

On June 16th ‘*You need not be alone anymore*’: *The doctor redefining palliative care*
<https://healthydebate.ca/2021/06/topic/redefining-palliative-care/>

On June 23rd How one ER partnered with a mental-health organization to care for youth in distress
<https://healthydebate.ca/2021/06/topic/emergency-room-mental-health/>

Healthy Debate and AMS will both be running a campaign this Fall to re-promote the series. AMS has also added the 7 articles to our resource section. The analytics from Healthy Debate and AMS websites were excellent, suggesting that people read the complete articles and further explored both the AMS and Healthy Debate websites. We hope to collaborate with Healthy Debate again this winter.

Authors/Funded Associates Networks

Prior to announcement of the new 2021 Fellows in November and Grantees in December, we will work with the supporting institutions to co-ordinate the Fellowship announcements through various channels.

Professional Associations/Partners

We are creating promotional materials – slides, e-flyers – to continue to promote the book this Fall. We will be promoting it at the Ottawa Hospital Patient Safety Conference in October, and both when Brian Hodges gives a keynote at the CFPC Family Medicine Forum and the Royal Society Conference in November.

AMS Podcast: Good Tech Compassionate Healthcare

We have now dropped 5 podcasts and are receiving great feedback on their content and promotional value <https://www.ams-inc.on.ca/ams-healthcare-announces-new-podcast-series/>. We plan to record 3 more for availability in October, November, and December.

Podcast 6: Nancy Young, AMS funded CHEO Researcher, in discussion with Gerrilynn Manitowabi, Associate Director of Health Services in Wiikwemkoong, discussing the development of ACHWM, the Aaniish Naa Gegii: the Children’s Health and Well-being Measure.

Podcast 7: Dr Ed Spilg, AMS Phoenix Fellow and Research Chair in Physician Wellness, University of Ottawa and Dr Cynda Rushton, Professor and Chair at John Hopkins School of Nursing, discuss their collaboration on moral distress and moral resilience.

Podcast 8: Dr. Dorothy Kessler, PhD, OT, and Dr. Babak Taati, PhD, both 2020 Compassion and Technology Fellows, discuss their projects focused on a monitoring technology for dementia home care and an intelligent fall risk assessment system.

We are promoting the podcast with a small paid campaign on twitter, tagging guests and their organizations as well as using LinkedIn.

Longwoods Breakfast Series

AMS Compassion and Technology will be the focus of the February session of the *“Briefings from and for Healthcare Leaders”*. We are currently in discussion on the specific content and speakers.

AMS Fall/Winter Newsletters

There will be a monthly newsletter this Fall to promote:

September 23: Hodges/LaFontaine Podcast, Compassion Series Articles, 2-History Announcements, Fall Funding

October 21: Hearing Your Voices Report, Longwoods Save the Date, Podcast, Fitzgerald Fellowships

November 18: New Compassion/Technology Fellows Announcement, Podcast

December 2: New Compassion Grantees Announcements, Longwoods,

January 20: Focus on History Awardees