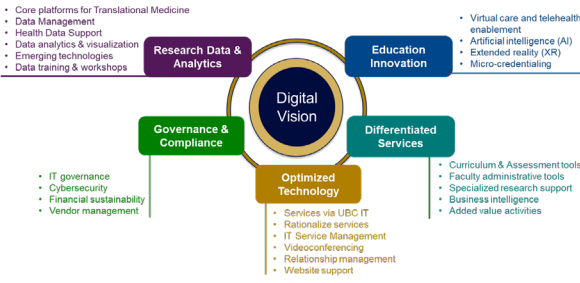


ABOUT THIS PLAN

- Developed to support the Faculty of Medicine Strategic plan 2021-2026.
- Outlines five digital capabilities to transform health, key goals and activities.
- Revised and updated annually to adapt to the demands and the drivers on the Faculty of Medicine, UBC and the health system.

FIVE DIGITAL CAPABILITIES

Skillssets and approaches to delivering technology, integrated with and led by faculty and research initiatives



DIGITAL VISION

We advance education and research through digital innovation to transform health for everyone.

We deliver digital solutions in collaboration with our partners in the Faculty of Medicine, UBC, and the health system.

KEY DRIVERS

Education
Accreditation
Programs expansion
Scheduling and
Clinical assessment
challenges
Quality improvement

UBC
Digital UBC
M365 rollout
Cloud migration
System admin service (IT @ FoM)
Cybersecurity Maturity Assessment &
Compliance support program
Policies and Standards for Security &
Governance
IT Service Transformation (VPFO)

Research
Bio-Innovation
Academy of
Translation Medicine
Data management
plans requirement

External
Federal & Provincial political drivers
Health Crisis in BC and beyond
New Medical School



Strategic goals

RDA1. Build foundational and advanced health data skills at the Faculty, supporting research and the creation of training platforms for the future

RDA2. Develop deep capabilities in health data support: data management, translational research, data analytics & visualization and emerging technologies

RDA3. Create data service prototypes to support key **bio-innovation** research initiatives in close alignment with our partners

EI1. Develop hybrid, flexible, team-based resources in support of **virtual care provision and telehealth**

EI2. Explore innovative learning applications for artificial intelligence (AI), extended reality (XR) and micro credentials to enhance curriculum delivery

EI3. Support the learning and care needs of our communities in collaboration with HIVE, CTLT, EML and the Ministry of Advanced Education, Skills & Training

EI4. Continue to support process improvement and technology reviews for teacher assessment in both UGME and PGME

DS1. Continue to evolve specialized digital services which cannot be provisioned centrally for supporting translational and basic science research

DS2. Continue to enhance educational services support for the distributed educational model, building on our expertise in developing health professionals in the communities where they are needed

DS3. Develop services and support for enhanced use of data for business intelligence, including data collection, management and visualization

OT1. Promote, enable and remove barriers to consuming **centralized UBC IT services**. Mitigate risk and reduce the resources and cost overhead required to provide foundational IT activities

OT2. Support the Faculty in exploring technology solutions that **foster collaboration** and ease program administrative burden

GC1. Implement IT governance and cybersecurity standards across all organizational units in the Faculty of Medicine to reduce financial and digital risk to the Faculty, UBC, and our Health Authority partners

GC2. Provide a framework that fosters a security culture, leading to a sense of ownership and responsibility among individuals toward managing and reducing cybersecurity risks for the Faculty

GC3. Build financially sustainable technology service and investment models to ensure that IT spend across the Faculty is managed efficiently, to reduce costs, improve productivity and enhance service delivery



Annual Plan 2023-24

Increase awareness & adoption of FoM data platforms across Research Centers & Institutes

Increase capabilities to support advanced data services

Support key research initiatives (Bio-innovation, Translation Medicine)

Deliver training & workshops on data Management, visualization and planning

Support the rollout of the Institution's Research Data Strategy

Collaborate with UGME and PGME on process improvements for teacher assessment and direct observation tracking and visualization

Continue the exploration and implementation of XR in Clinical Skills

Develop podcasts for the UGME "Co-creating Quality with Patients in Virtual Primary Care" project

Support PGME & UGME in improving delivery of education and assessment through digital solutions

Upgrade, enhance and support key education administration platforms

Support the expansion of UGME, PGME and Health Professionals Training across the province

Enable collaboration to support a hybrid workforce, education model and virtual workplace of the future

Pilot emerging tech to increase operational effectiveness (ChatGPT, RPA)

Support advanced capabilities for collaboration and other tools available in M365 for the FoM

Develop and in-house onboarding process for FoM Units

Review and update existing service-level agreements and contracts

Continue working with partner IT to revise the software licensing model for FoM

Contribute to the operational excellence initiative of the University

Build a framework for digital governance and enterprise architecture at the FoM that complements the Institution's

Support the Faculty's financial sustainability goals by ensuring IT spend is appropriately managed

Roll out the FoM IT governance and security policy

Assist FoM units in the completion of PriSM's 'Compliance Support Program' self-assessment and remediation programs

Establish a Security Champions program across the FoM

Continue to enable the FoM Digital Vision and Digital UBC