



Executive Director, Centre for Advanced Analytics, Data Science & Innovation

Enterprise Technology

Executive Brief

Better health. Best in health care.

careers.fraserhealth.ca

The heart of health care.

At Fraser Health, our team of over 48,000 staff, medical staff and volunteers is dedicated to serving our patients, families and communities to deliver on our vision:

Better health. Best in health care.

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- 3 About Fraser Health
- 4 Our Services
- 5 Essence of the Opportunity
- 10 Live Here
- 11 Work Here
- 12 Get in Touch



Scan the QR code to learn more about Fraser Health.

Who We Are

Fraser Health is the largest of the five regional health authorities in B.C. working together with the Ministry of Health. We are responsible for the delivery of hospital and community-based health services to over two (2) million people in 20 diverse communities from Burnaby to Boston Bar on the traditional, ancestral and unceded lands of the Coast Salish and Nlaka'pamux Nations and is home to 32 First Nations within the Fraser Salish region.

Our communities include a diverse multicultural population including six Métis Chartered Communities and approximately 62,000 Indigenous Peoples associated with 32 First Nation communities. Indigenous Peoples make up 3.7 per cent of the population in the Fraser Health Region, with 58 per cent identifying as First Nations, 41.4 per cent identifying as Métis and 0.6 per cent identifying as Inuit. More than 90 per cent of refugees and 40 per cent of newcomers to B.C. have settled in our region (2016 Canadian census).

OUR VISION

Better health. Best in health care.

OUR PURPOSE

To improve the health of the population and the quality of life of the people we serve.

OUR VALUES

Respect, caring and trust characterize our relationships.

Meet the Senior Executive Team

Statistics

In 2022 to 2023, Fraser Health has had:

- 103,584 surgeries performed
- 38% of babies born in British Columbia
- first virtual psychiatry unit opened in British Columbia
- 735,103 emergency room visits treated
- 161 medical residents
- 14,200+ clinical students trained
- 14,241 Indigenous health liason appointments
- 36.9% waste diversion achieved for the region
- 190,104 square metres of LEED Gold-certified facility space operated (equal to 27 soccer fields)
- 94,757 language interpretations eased communication for patients and families
- 693.6 tCO₂e of projected carbon emissions reduced in 2023 (equal to 212 passenger vehicles' emissions)

*2022 - 2023 fiscal year





Fraser Health serves 1 in 3 British Columbians

The following information provides a snapshot of Fraser Health's role in British Columbia. We deliver care everywhere—in outdoor settings, homes, clinics, hospitals and virtually.



Over
2M

people
Fastest growing health region in Canada



12

acute care hospitals



10

Urgent and Primary Care Centres and 10 Primary Care Networks



14

Community Mental Health Centres



20

diverse communities



10

overdose prevention sites



81

long-term care communities



9

Integrated Homelessness Action Response teams covering 12 communities



283

surgeries performed on average each day



69,323

people received care by phone or chat from Fraser Health Virtual Care



48k+

medical staff, staff, and volunteers



3.4M+

home support hours dedicated to people we serve



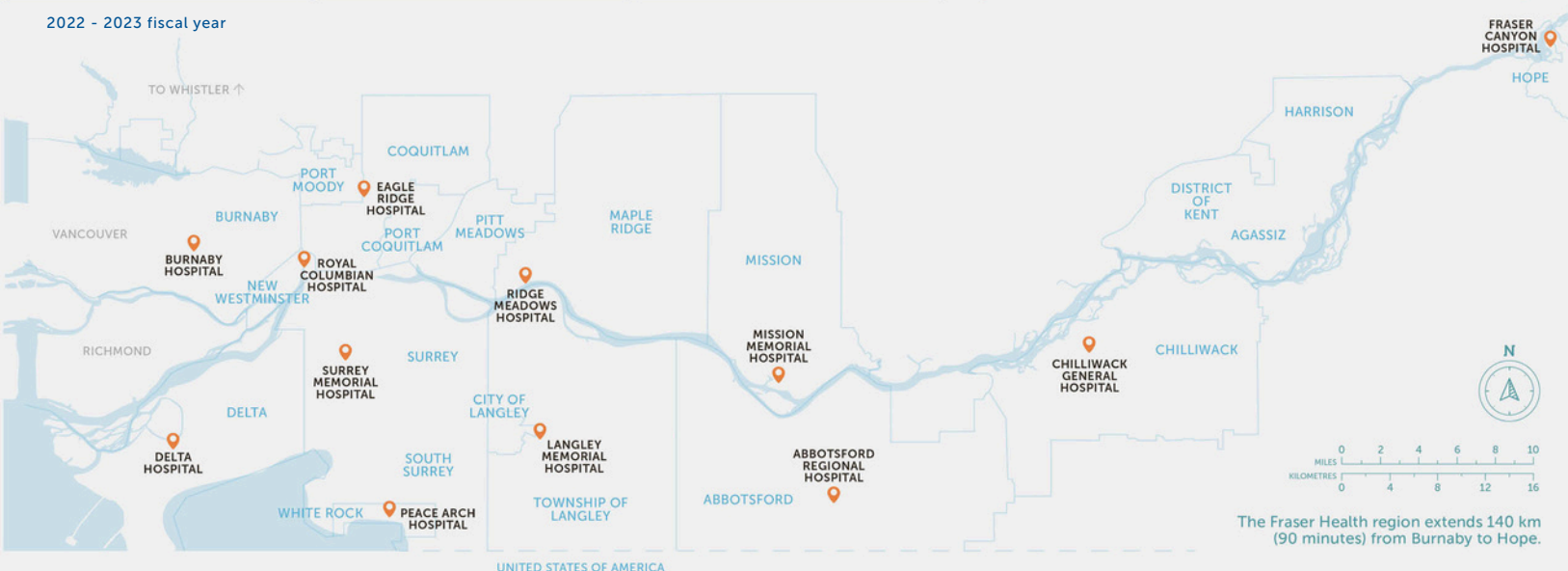
More than
\$6.5B

in multi-year capital projects underway

Learn More About Fraser Health



2022 - 2023 fiscal year



The Fraser Health region extends 140 km (90 minutes) from Burnaby to Hope.



Executive Director

Centre for Advanced Analytics, Data Science & Innovation

Enterprise Technology

Essence of opportunity

The Executive Director (ED) is innovative, forward-focused, and passionate about large-scale digital transformation and complex change management. As a collaborative, inclusive and visionary leader, the ED leverages innovation, research and technology to transform patient and provider experiences.

Reporting directly to Chief Artificial Intelligence Officer & Vice President, Enterprise Technology, the Executive Director is a clear, caring, and courageous leader who spearheads the development, of a unified data governance strategy. The Executive Director will develop Fraser Health into an insight-driven organization using critically led, patient-powered and digitally enabled artificial intelligence that will be integrated into the clinical workflows across the enterprise.

The Executive Director is innovative, transformational and well informed on leading practices and technology and uses that knowledge to transform patient and provider experiences to deliver exceptional care in a culturally safe, sustainable, and equitable manner. The Executive Director brings forward technological innovations and well-thought-out clinical and business strategies to improve quality and performance and drive outstanding patient experiences for the diverse populations we serve.

This exciting executive role provides a unique opportunity to ensure a seamless, digitally-enabled patient and provider experience across multiple platforms, while ensuring all Fraser Health's leaders are equipped with meaningful and timely analytics and information to optimize resource allocation, as well as strategic and operational planning.





Executive Director Centre for Advanced Analytics, Data Science & Innovation

Enterprise Technology

The future is digital

The Executive Director, Centre for Advanced Analytics, Data Science & Innovation has the exciting opportunity to contribute to leading a health care transformation through a digital lens. The importance of this work cannot be emphasized enough, as Fraser Health looks to sustain the health care system for the future. This role has the potential to improve access to the health system and create the infrastructure to support providers to deliver the best care, and at the same time, shape healthy and thriving communities.

Create a clear and compelling vision

This dynamic and multi-faceted portfolio presents both an opportunity and challenge for the ED to engage a leadership team while developing and advancing a vision that all can aspire to and be excited about delivering upon. With a varied portfolio including areas of expertise in Virtual Health, System Optimization, Clinical Informatics, and Information Management & Information Technology and more, the ED must ensure that the vision is integrated across the portfolio, takes an enterprise-wide view, and keeps the patient and provider experience in focus.

The creation and sustainment of a vision demands the investment of time and effort into building and cultivating a cohesive team culture that is centered on Fraser Health's leadership framework of being clear, caring, and courageous. The ED must model what it means to be a collaborative inclusive leader, and strong partner internally, and externally.





Executive Director Centre for Advanced Analytics, Data Science & Innovation

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**Drive the regional,
provincial, and dare we
say... national direction**

As the second largest health system in Canada, the ED has the opportunity to influence the direction of health care service delivery through the enablement of technology. The Greater Vancouver region, in which Fraser Health delivers care, is known as the 'technology hub' for Canada. It is also known in the technology industry, as one of the largest software development bases, outside of Silicon Valley.

There is great opportunity to partner, learn, and advance the digital experience portfolio in the region from local experts that bring a global view. It is also worth noting that Fraser Health provides care to 1 in 20 Canadians – the opportunity to drive change on a very large scale is real, and possible here.

**Balance the need to
modernize with
acknowledging the
infrastructure and systems
that exist today**

An important and complicated realization that the ED must come to terms with, is that the Canadian health systems are not known for their rapid technological or digital advancements. However, times are quickly changing. At Fraser Health, there is work happening on advancing digital models of our system to optimize use, such as the implementation of a virtual/twin hospital – inherent within, is the increased use of leveraging analytics, and much more.

The ED will be stepping into an era of change to capitalize on, with support from executive. This exciting time needs to be balanced, however, with recognizing the systems and culture that exist today – which need shifting. Balancing the operational needs with transformation for the future will be a skill required of the ED. This is not easy in a large, complex, publicly funded organization.





Executive Director

Centre for Advanced Analytics, Data Science & Innovation

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Investment into capital projects and technology advancements

Today, there are billions of dollars' worth of capital projects underway where digital innovation is being prioritized in the design-build phase. There are large redevelopments at Royal Columbian Hospital, and Burnaby Hospital, a completely new hospital and cancer centre build in Surrey, and the recently completed emergency department expansion at Eagle Ridge Hospital. This ED is tasked with ensuring that the team is supporting these developments by mobilizing systems, skills, analytics, data, and resources to demonstrate quality outcomes to patients and families.

Currently, the portfolio is engaged in the 'Advance' program which is re-imagining how care is delivered today and into the future. This is one of many technology initiatives that will enable Fraser Health, through a series of multi-year projects, to improve the way patients experience care, while driving better outcomes for communities.

The user experience mindset

A challenge in this role is to enhance the user experience mindset as the vision for the future is solidified. Historically, health care solutions have been purchased 'off-the-shelf' and integrated onto layers of existing systems/solutions. The ED, over time, must bring thinking into Fraser Health in ways like modern apps are used in today's market (for example, Door Dash, Uber, etc.) that have completely revolutionized the way consumers use and access the things they need. There is no reason why this kind of mindset cannot be more prevalent in health care today, to benefit patients, families, and growing communities for tomorrow.





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Part of a dynamic executive team

As a key member of the Chief AI Officer's Leadership Team, the Executive Director contributes to leading the largest regional health authority in the province of British Columbia. This is an exciting opportunity to continue leading the way in the province, and with a close-knit executive team who have become trusted advisors to one another, and respected sounding boards. This executive team is values-based, cares for one another, demands excellence, and takes great pride in being strong partners to deliver the best care to the communities in the region.

Supports the following portfolios:

- Senior Director, Advanced Analytics
- Senior Director, Data Engineering
- Senior Director, Consulting & Advanced Analytics





Live Here

There's powder, sun and sand for everybody in British Columbia's Metro Vancouver and Fraser Valley regions.

Location

This position is based out of Fraser Health's corporate office in the Central City Tower in Surrey, BC.

With scenic mountain views, ocean beaches, cultural attractions and easy access to leisure and recreational activities, you can enjoy a thriving lifestyle mere steps away from work. Discover our diverse communities that span from major urban centres such as Burnaby, New Westminster and Surrey to the rapidly growing cities of Langley, Abbotsford and Chilliwack into the Valley's picturesque towns of Pitt Meadows, Maple Ridge, Mission and Hope.

Our health region extends from Burnaby (Metro Vancouver) into the heart of the Fraser Valley to Boston Bar – only 140 km. With scenic mountain views, ocean beaches, cultural attractions and easy access to leisure and recreational activities, you can enjoy a thriving lifestyle mere steps away from work.

Explore Our Communities





Work Here

We are Fraser Health together. More than any building, technology or program, it's our people who make Fraser Health Distinct.

Growth

Fraser Health is one of Canada's largest and fastest growing health authorities.

Opportunity

We have diverse and extensive education and professional development opportunities.

Innovation

We are building the future of health care with new state-of-the-art facilities and technology.

Benefits

We have competitive compensation and benefits packages, and a full pension plan.

Work / Life Balance

We offer flexible work schedules and hybrid working arrangements providing employees with an exceptional work/life balance.

Hear From Our Staff





Get in Touch



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Executive and Senior Leadership Acquisition

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[Reach Out to Elizabeth](#)



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Careers at Fraser Health



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Fraser Health Authority



Fraser Health Careers

Fraser Health values diversity in the work force and strives to maintain an environment of Respect, Caring and Trust. We are committed to recruiting with a focus on equal opportunity, diversity and inclusion.