

SHAPING THE DEBATE

Health Growth Plan UNB Saint John:

Investing in Health Teaching, Research & Innovation

May 4, 2021 | Dr. Petra Hauf



Integrated Health Initiative

Many years in the planning, the Integrated Health Initiative (IHI) is built on five ambitious pillars:

1. Interdisciplinary Health Education:

- We will **educate out-of-the box thinkers**, the next generation of problem-solvers, driving innovation, fostering integration, and leading collaboratively in difficult times.
- We will **develop new innovative academic programs** like the
 - Bachelor of Health program
 - Masters in Public Health and Health Policy
 - MBA with specialization in Management in Health
- We will incorporate **Experiential Education** in all program offerings.

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2. Integrated and Collaborative Health Research:

- We will **cluster world-class researchers** focusing on integrated health research, driving cutting-edge discoveries of technology, systems, and policies.
- We will develop Health Research Clusters of **regional and national importance** improving services for every citizen
 - Digital Health
 - Child Rights in Child Health
 - Public Health and Health Policy
 - Management in Health
 - Aging in the Community

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3. Technical and Social Innovation:

- We will provide explorers and innovators the space to drive forward new integrated approaches in health and social innovation.
- We will **create a hub** where public and private partnerships engage entrepreneurial students and researchers to spinoff new businesses, products and services.
- We will succeed in the marketplace with special emphasis on social innovation, strengthening civil society and improving mental health.
- **We will prioritize social science research and community engagement** to reduce social conditions such as poverty, illiteracy and substance dependency.
- We will find **effective ways to address health outcomes and health services** and **increase economic productivity**.

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HEALTH &
TECHNOLOGY
DISTRICT | SAINT JOHN

4. Knowledge Transfer and Commercialization:

- We will **create a vibrant ecosystem** of innovators and entrepreneurs working alongside scientists, clinicians, health care providers from a variety of technologies and research fields.
- UNB together with the Lark Group and Opportunities New Brunswick will build the Health and Technology District Saint John on the UNB Saint John campus.
- We will build a continuum from **UNB's Innovation Hub** to practical applications and commercialization of new approaches and innovations.

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5. Health and Social Innovation Centre - UNB Saint John's Dynamic Centre for Education, Research and Innovation:

- State-of-the-art, purpose-built facility necessary to
 - attract students and world-class researchers to Saint John
 - ignite innovation, reflection, community engagement and entrepreneurship
 - foster collaboration with partner institutions, community, the private sector and industry
 - provide experiential education opportunities for students through the Innovation Hub

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Outcomes

Significant outcomes

- Creating a **national Centre of Excellence in Health**.
 - Developing **sustainable health care** for families with efficient and high-quality service.
 - Ensuring better use of the provincial health care funding.
 - Contributing to **reform and innovation**, resilience, and transformative change.
- **Growing population** and attracting highly qualified personnel.
- Empowering existing networks and building **new innovation ecosystems**.

Significant contributions to the Government of NB's key priorities

- Dependable Public Health Care
- World-class Education
- Energized Private Sector
- Vibrant and Sustainable Communities

Integrated Health Initiative

Economic outcomes

Significant economic impact (over initial 8 years)

- UNB enrolment growth by **500 additional students** in Saint John.
- UNB employment growth of **\$40M in payroll** for faculty, staff, researcher, students.
- UNB health research funding growth of **additional \$4.5M a year** through new research funding on top of today's \$1.6M.

Significant impact on reputation as a leader in Health Innovation

- Building on the strengths of UNB's two campuses, establish Saint John as a **globally significant location** for health research and innovation.
- Create a hub where **public and private partners** engage with entrepreneurial students and researchers to spin off new businesses, products and services.
- Using Saint John as a **living laboratory**, produce data analysis that empowers provincial government to engage in evidence-informed policy reform in health and social services.
- Educate **forward-thinking, professional health-care administrators** working in a variety of settings and greater awareness of the various dimensions of wellness.