

Rx for change: Rethinking health science

SECOND OF FOUR REPORTS TO THE COMMUNITY 07/08

When it comes to improving health care, we believe bright minds and bold action are the best medicine. With significant new funding and facilities, researchers at **Simon Fraser University** are prescribing creative solutions to health challenges at home and abroad. Learn more at www.sfu.ca/report2007.



Michael Stevenson, President and Vice-Chancellor

» Is prevention the cure?



Promoting health, preventing disease: that's the focus of our new **Faculty of Health Sciences**, the first of its kind in Canada.

Our pioneering programs target public and population health, global health, mental health, and chronic and infectious disease control.



» Can research have real-life reach?



Our work is key to better health care planning and policy.

Tim Takaro is proving eco-friendly homes can be better than drugs for asthmatic kids. **Marina Morrow** and **Olena Hankivsky** helped write the groundbreaking new textbook on women's health that promises to redefine medical treatment for female patients around the world. And **Michel Joffres** established that halving salt intake could eliminate hypertension in a million Canadians—and save \$430 million in annual health costs.



» What if we balanced the scales?

SFU research is making better health possible for everyone.

The **Centre for Applied Research in Mental Health and Addiction** recently helped the provincial government assess the housing needs of people with severe addictions and/or mental disorders—and weigh the real costs of inaction. Health scientist **Elliot Goldner** will chair the newly formed Mental Health Commission of Canada's advisory committee on science. And PhD student **Sherri Brown** will use a \$150,000 **Trudeau Foundation** scholarship to help make life-saving drugs more accessible to HIV/AIDS patients in developing nations.

» What if we shared our wisdom?

In 2007, SFU joined esteemed international partners such as Johns Hopkins University and Emory University to become the first Canadian university to sign an agreement with the **Public Health Foundation of India** to begin training future faculty for seven new Institutes of Public Health in that country.



» How can we make it happen?

Our researchers hold the dream. Our students, the desire. Our donors make the difference.

Djavad Mowafaghian's \$4-million gift will help identify ways to improve children's health and build a containment lab for infectious disease research. A \$4.5-million **Merck Frosst BC Leadership Chair in Pharmaceutical Genomics in Drug Discovery** will bring pharmaceutical industry expertise to BC's biotech sector. And a \$4.5-million **Pfizer/Heart and Stroke Foundation of BC & Yukon Chair in Cardiovascular Prevention Research** at St. Paul's Hospital will develop new strategies for preventing heart disease—the leading cause of death in Canada.