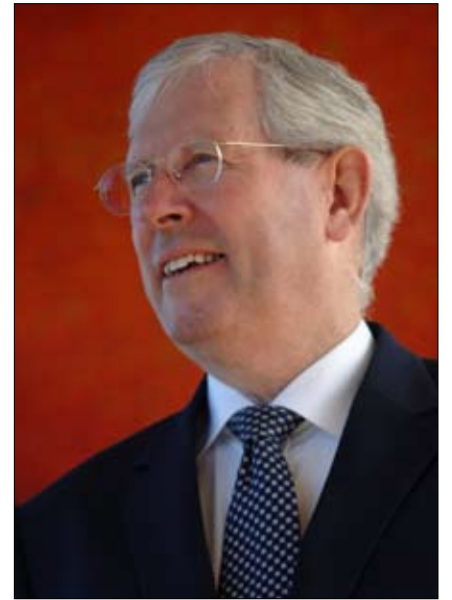


Fuel for change: Rethinking the environment

FIRST OF FOUR REPORTS TO THE COMMUNITY 07/08

We live and work in one of the world's most stunning urban landscapes. But beauty hasn't blinded us to bitter fact: our environment is under siege. At Simon Fraser University, we know it will take the power of bright minds and bold action to light the path to a sustainable future. **Learn more at www.sfu.ca/report2007.**



Michael Stevenson, President and Vice-Chancellor

» Can we weather the storm?



Pine beetles to the north; hurricanes to the south: what can be done to help the world adapt to the realities of climate change?

That's the challenge facing SFU's new cross-discipline **Adaptation to Climate Change Team (ACT)**. In 2007, insurance giant **Zurich Canada** helped fund ACT in order to learn how to cope with the ongoing challenges of extreme weather events caused by climate change.



» Is anyone listening?



Our researchers have the ear of governments.

Resource and environmental management professor **Mark Jaccard** (above) was honoured as BC's 2008 Academic of the Year by the Confederation of University Faculty Associations for his "tireless work" persuading governments to enact effective climate change policies. One of Canada's leading experts on environmental policy, Jaccard is a member of the National Roundtable on the Environment and the Economy and was recently appointed as a special advisor to BC's Climate Action Team.



» Could climate change cause conflict?

With the rapid thawing of the Northwest Passage, is Canadian territory at risk?

The new **Simons Visiting Chair in International Law and Human Security**, former UN Under-Secretary-General for Disarmament **Jayantha Dhanapala**, recently brought together scientists, government officials and indigenous peoples to examine the effect of global warming on Arctic security and help establish an international authority for Arctic governance in the 21st century.

» What if we brought our brains together?



Nancy Olewiler (third from right), Director, and faculty of SFU's Public Policy Program

SFU will play a key role in the BC government's new \$94.5-million **Pacific Institute for Climate Solutions**. Dozens of researchers from such diverse disciplines as health science, geography, biology, and resource and environmental management will join colleagues from UBC, UVic and UNBC to research various aspects of—and solutions to—climate change.

» What if we led by example?

We practice what we preach. In 2007, SFU became the first North American post-secondary institution to achieve **Go Green** certification from the Building Owners and Managers Association of Canada.

As well, Natural Resources Canada recognized SFU's significant energy conservation efforts with an **Energy Conservation in Existing Buildings Award**. Meanwhile, our new Burnaby Mountain neighbourhood, UniverCity, received the latest in a series of **green honours** including: the American Planning Association's **National Excellence Award for Innovation in Green Community Planning**; the Urban Development Institute's **Innovations in Creating a More Liveable and Sustainable Region Award**; and the City of Burnaby's **Environment Award for Planning and Development**.

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 AIDS/HIV 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.

Inspiration for change: Rethinking arts & culture

THIRD OF FOUR REPORTS TO THE COMMUNITY 07/08

The creative economy is among the fastest growing economic sectors in the developed world. Increasingly, we are makers of meaning—not just materials. Since 1965, Simon Fraser University has kept stride with culture's cutting edge. Now we're picking up the pace. **Learn more at www.sfu.ca/report2007.**



Michael Stevenson, President and Vice-Chancellor

» What if art came down from the mountain?



Call it an arts transplant: Vancouver's cultural landscape will be reinvigorated when SFU's **School for the Contemporary Arts** moves downtown in late 2009.

The revolutionary training programs in contemporary music, dance, theatre, film and visual arts pioneered by such noted artists as **R. Murray Schafer**, **Grant Strate**, **John Juliani**, **David Rimmer** and **Jeff Wall**, will soon relocate to the historic Woodward's district. With exciting new cultural facilities—theatres, screening rooms, sound studios, and galleries—the school space will combine public exhibition and performance with intensive interdisciplinary teaching, and promises to be a magnet for arts enthusiasts from around the world.

» What if artists taught artists?



Desirée Dunbar, Dancers Dancing

Our students learn from masters.

In 2007, SFU Contemporary Arts composer **Owen Underhill** won the Outstanding Classical Composition prize at the Western Canadian Music Awards. Musical colleague **Arne Eigenfeldt**, wrote the score for Ballet BC's production of *In and Around Kozla Street*. Dance professor **Judith Garay**'s company, Dancers Dancing, toured throughout BC. And English professor **David Chariandy**'s first novel, *Soucouyant*, was nominated for the Governor General's Literary Award and the Scotiabank Giller Prize.



Totem pole detail, SFU's Museum of Archaeology and Ethnology

» Who shares our vision?



We are grateful to the donors who support our commitment to the creative city.

Vancouver businessman **Milton Wong** (right) contributed \$3 million to help SFU Contemporary Arts become the anchor tenant in the Woodward's redevelopment project. And Polygon Homes chair **Michael Audain** donated \$2 million to help create a visiting chair in visual arts that will bring international-calibre artists to Vancouver to engage with students, faculty and the community.

» Does art trump science in the digital age?

SFU researchers are blurring the line between art and science.

Digital animation researcher **Steve DiPaola** is working with the **Vancouver Aquarium** to create a "virtual beluga" exhibit to raise awareness about the precarious conditions faced by wild belugas. Visual artist **Judy Radul**'s newest installation explores how the increased use of digital media in the modern legal system affects courtroom performance. And dance professor **Henry Daniel** is helping engineering colleagues **Ivan Bajić** and **Jie Liang** eliminate delay in video transmissions. Using his choreographic models, they will be able to apply predictive decoding to anticipate patterns from a range of movement possibilities.

» Who owns culture anyway?

The question of who owns the past is a growing concern for scholars, aboriginal groups, policy makers—even marketing professionals.

Archaeologist **George Nicholas** is leading an international research team in a \$2.5-million project that aims to resolve who should own or have access to ancient materials, artistic images and genetic data. The project will identify the range of intellectual property and ethical issues surrounding cultural heritage, and propose fair solutions for the future.

Open House 2008: Rethinking outreach

FOURTH OF FOUR REPORTS TO THE COMMUNITY 07/08

What do you get when one of Canada's leading comprehensive universities throws open its labs and lecture halls for a day? One smart party! Join us at **Open House 2008** for an afternoon of exploration and excitement at **Simon Fraser University's** Burnaby campus, Saturday, May 31 from noon to 4:30 pm. **Learn more at www.sfu.ca/openhouse2008**.



Michael Stevenson, President and Vice-Chancellor

» Can I bring the kids?



They'll be mad if you don't!

With diversions and distractions to appeal to all ages, SFU's Open House 2008 is the **perfect playground** for a family outing. One likes math and another prefers music? It's all here: robots, synthesizers, candy floss and carnival games; dancers, volcanoes, walking tours and science puzzles. Just be sure to pick up a program guide when you arrive on campus to help plan the day's activities. You can also find the complete line-up of activities at www.sfu.ca/openhouse2008.



» Isn't it a hassle getting up the hill?

SFU's scenic main campus on Burnaby Mountain is just a short transit ride from downtown.

Share our **spirit of sustainability** and take the SkyTrain to Production Way/University station and then hop a #145 bus to SFU, or from downtown, pick up the #135 SFU bus that travels along Hastings. If you'd prefer to bring the car, campus parking will be free all day.

» Where do I sign up?



No RSVP required!

Just make your way to SFU's Burnaby campus between noon and 4:30 pm on Saturday, May 31. And don't worry about getting lost; there'll be plenty of volunteers standing by to point you towards the fun.



» What's new since the last shindig?



UniverCity's Town Square

More than 15,000 people attended Open House 2006, and since then SFU has continued to grow.

Check out the changes at **UniverCity**, the new community development on Burnaby Mountain. Explore our new arts and social sciences complex, which includes one of North America's most sophisticated forensic labs. And get a sneak peek at **Blusson Hall**, future home of our new Faculty of Health Sciences, set to open in fall 2008.

» But what if I didn't go to SFU?



Then come on up and see what you missed.

After you've dipped into our educational box of chocolates, you might even be inspired to come back to school and join SFU's **growing alumni community**—now almost 100,000 strong. (And if you're already an SFU alum, don't miss the laughs during a special TheatreSports performance just for you at 1:30 pm in the SFU Theatre; details at www.sfu.ca/alumni.)