

# WHAT CHANGES SHAPE THE WORLD?

SFU

SIMON FRASER UNIVERSITY  
THINKING OF THE WORLD**BURNABY**

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# CARBON NEUTRAL HOPE

## CHANGE THAT SHAPES THE WORLD

ONLY CHANGE IS CONSTANT IN THESE TIMES. ONE MINUTE DVDS. NEXT MINUTE MP3S. THE FUTURE WAS TODAY YESTERDAY. IT GROWS AND DISAPPEARS AS WE SPEAK. POSSIBILITIES AND PROBABILITIES, OPTIMISM AND COMPASSION, INQUIRY AND ADVENTURE—THE FUTURE MAKES MANY PROMISES THESE DAYS—AND COMES SO FAST—IT CANNOT BE SUSTAINED SOLELY BY DREAMERS AND PHILOSOPHERS.

About where the success comes from: it really is my team and my network of friends from around the world in the carbon space that make this work.

About being a track and field athlete: taught me focus and commitment —keeps me busy (like the studies and a new business aren't enough).

About the carbon market: a \$60 billion business, bit of a dot com at the moment, but it's a powerful tool that will help us achieve the sustainable future we need to arrive at very soon.

About SFU sports teams: they can be carbon neutral and they asked me to help them do it.

About studying here: SFU punches above its weight. The set-up is cutting edge, a true research university. I can get to Harvard from SFU on my own path.

About companies that resist greening: you can get on board or not. It's happening anyway.

About my professors: Dr Markey showed me what is coming, Dr Wexler told me sustainability needs the best minds.

About thinking of the world: something I've been doing all my life.

About the purpose of building international projects with big environmental impact: businesses can invest to help the transition to a more sustainable existence.

**TOM KINSHANKO** — 23/**climate entrepreneur** with new company Habitat Enterprise dedicated to global carbon reduction/BBA, joint major in business and geography 2008/believes business will not survive in a carbon constricted future economy if it's not sustainable/helps corporations and governments around the world to achieve sustainability/has much to say about business and the role of education in his business and life...



# DEEPER PHYSICAL RESOLVE

## CHANGE THAT SHAPES THE WORLD

IN THE STUDENTS WHO GRADUATE FROM SFU WE OFFER THE WORLD A SOLUTION THAT TRANSFORMS CHANGE FROM SUPREME CHALLENGE TO ULTIMATE TOOL. WE SUPPLY THE PLANET WITH FRESH MINDS TO EXAMINE EVERY ASPECT OF LIFE WITH A VIEW TO RADICAL IMPROVEMENT AND A WAY TO TAKE US ALL THERE.

On winning the dean's convocation medal for undergrad studies: what a surprise, didn't know I was entered.

On her respect and gratitude to Barbara Winter, curator of SFU museum: an informal mentor... amazing, forthright, focused, determined.

On learning more and knowing less: my education has expanded my knowledge. But it has expanded my sense of the unknown exponentially.

On plans for a master's: going to U of T; thesis likely examining a combination of bone geometry and muscle attachment to make predictions about health, weight, body mass, etc.

On Archaeology: it is an art as well as a science.

On what makes a good global citizen: someone who can and does think critically; sure it takes more time, but it is almost an obligation with a post secondary education.

On the effect of life on the body: it literally shapes us.

On being a chronic list maker: I want to be a cranky old professor some day, it goes with the territory.

On becoming a watcher: observation is a gift, the ability to see what's going on.

LEIGH DOYLE — 24/**physical anthropologist/biological problem solver** with insatiable desire to serve the world through research and studies in academe/BA in archaeology with a minor in biological sciences from SFU, 2007/ currently working on a dig in Powell River/ continuously fascinated by relationship between skeleton and muscles with rogue passions for emerging subjects and many salient insights...



# GENEROUSLY SHARED PASSION

## CHANGE THAT SHAPES THE WORLD

THINKING ABOUT THE HEALTH OF OUR PLANET AND THE HAPPINESS OF OUR POPULATIONS, WE REALIZE THE EARTH ALSO NEEDS PLANNERS AND DOERS WHO WILL MAKE SURE THERE CONTINUES TO BE A FUTURE. THE PEOPLE WHO WILL GIVE ALL THE THEORY AND PHILOSOPHY THE CHANCE TO WORK IN THE WORLD, THE PEOPLE WHO MAKE THINGS DIFFERENT ARE HERE AT SFU...

Concerning emotion and science: the two go hand in hand.

Concerning failure: it is an opportunity, the point where growth happens.

Concerning what gets him through challenging times: my family, partner and friends—they're just kinda there, y'know?

Concerning his level of commitment: I'm definitely in it for the long run—my commitment is students first.

Concerning his assertion that things will always work out: I just noticed, there's no empirical evidence or anything, but if you trust your instincts and your heart is in the right place, everything falls into place.

Concerning his highly effective teaching style: I connect with students.

Concerning the year of his childhood spent in a Vietnamese refugee camp: it was like one long summer with nothing to do, which sounds like a good thing, but it was the only thing and I was interested in learning everything.

Concerning leaving a fully funded master's program in biological sciences to pursue teaching: I've wanted to teach since I was very young.

Concerning his study of frog neurons at the brain research centre: it was a follow up on my honors degree (the BSc) and the first time I really got to appreciate the lab experience—can't wait to share it with my students

Concerning reading, doing sports and hanging out with friends: the synergy of all the little things is the greatest gift: a life.

ALEX CAO — 25/science enthusiast and teacher/finished BSc first class honors in Integrative Biology at SFU, 2005, right now in SFU's professional development program (PDP) for teachers/wants to bring science and his enthusiasm for it to kids/believes that children are the most important audience for scientific information/has many novel ideas concerning teaching, learning, growing and life...





# BROADER PERSPECTIVE

## CHANGE THAT SHAPES THE WORLD

WE HAVE THE SFU GRADS WITH THE ABILITY, OPTIMISM AND RESEARCH TO SHAPE A FUTURE THAT FITS THE PLANET AND EMBRACES ALL PEOPLES... WE NEED THEM TO TEACH BUSINESS HOW TO BE CARBON NEUTRAL, TO HELP CHILDREN FIND THEMSELVES IN LOST WORLDS, AND TO HELP PEOPLE MAKE THE MOST OF THEIR OWN BODIES AND APPRECIATE THE WONDER AND POTENTIAL IN THEIR OWN LIVES...

Regarding the 10 years it took to get his degree: I'm so glad SFU is flexible.

Regarding his continuing education: now I need an MSc, maybe a PhD to take me to a space program.

Regarding two weeks in Utah simulating life on Mars: Wow. Life on Mars. Science on Mars (with the Mars Society of Canada). Wasn't easy, but I can't imagine that opening a new world ever is.

Regarding life in the 9 to 5: not for me; got me through my degree, but now it's time to leave it behind and pursue my passion.

Regarding SFU teachers: I was struck by their dedication, especially Dr Glyn Williams-Jones—I wasn't even his student, but he took an interest, reviewed my papers, encouraged me.

Regarding the need for daily physical human contact: It is essential; I was starved after the two-week mars experiment; the suits made touch impossible.

Regarding his contribution to the future: I can have a say in guiding humans in space, to help humans get to other planets.

Regarding the fact that his aspirations read like science fiction: oh? I didn't really read science fiction, just science. that's where I got my ideas.

**KERRY CUPIT** — 27/a rare **planetary geologist** with a day job at a copper mine/working toward his BSc, major in earth sciences, minor in chemistry/wants to use his vast knowledge of earth to predict and test ideas about other celestial bodies/really, wants to experience space travel? with every cell in his body and has a mind to do it with well educated opinions regarding...



# WONDER MORE PROFOUND

## CHANGE THAT SHAPES THE WORLD

BECAUSE SFU STUDENTS CAN'T HELP BUT THINK ABOUT THE WORLD, THEY ARE OPEN TO LEARNING WAYS TO CHANGE THAT THEY HAVEN'T EVEN INVENTED YET—AND TO SHARING THE INVENTIONS AND INNOVATIONS THAT FIRST BECOME VISIBLE AND THEN POSSIBLE WITH SUCH A BROAD PERSPECTIVE. THEY HARNESS THEIR EDUCATION LIKE WIND POWER, A FORCE OF CHANGE TO BRING CLEANER AIR AND REACH NEW PLANETS—A UNIVERSITY EDUCATION THAT APPLIES TO THE REAL WORLD TO MAKE THE CHANGES THAT SHAPE THE FUTURE...

Referring to games of his childhood: our games are inspired by our first gaming experiences. Final Fantasy, Zelda, and ICO, my top 3.

Referring to what you get from family: my parents are so completely supportive. They say learn whatever you want—they cheer no matter what.

Referring to the power of narrative: stories are inspiration for life; they can shape who you are.

Referring to plans to move his company to Europe: European culture and history are a big influence in our storytelling... Ciao.

Referring to the inevitable mix of business and friendship in a company where you work 15 hours a day: my partners are my friends; our business is based on trust.

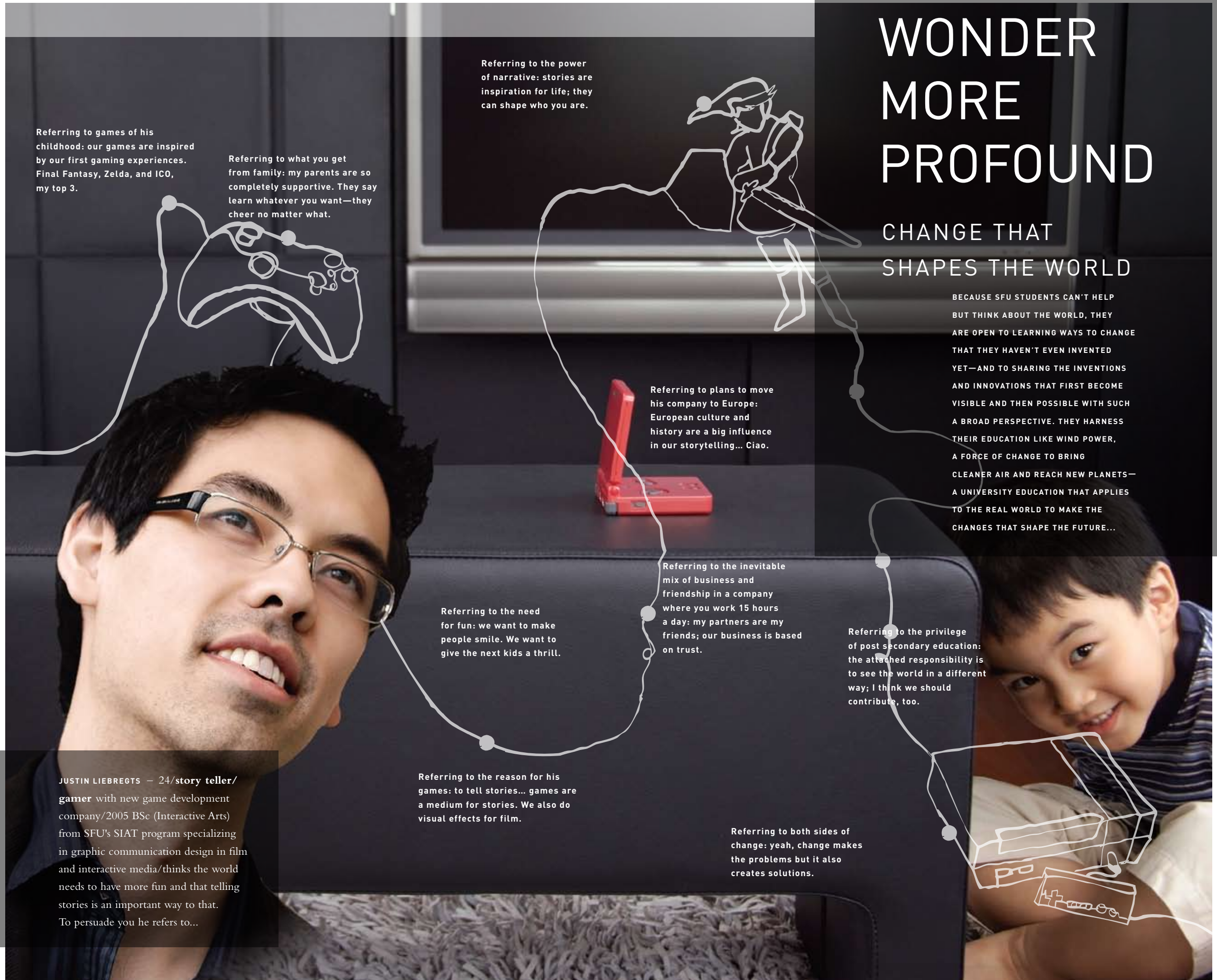
Referring to the privilege of post secondary education: the attached responsibility is to see the world in a different way; I think we should contribute, too.

Referring to the need for fun: we want to make people smile. We want to give the next kids a thrill.

Referring to the reason for his games: to tell stories... games are a medium for stories. We also do visual effects for film.

Referring to both sides of change: yeah, change makes the problems but it also creates solutions.

**JUSTIN LIEBREGTS** — 24/story teller/  
**gamer** with new game development company/2005 BSc (Interactive Arts) from SFU's SIAT program specializing in graphic communication design in film and interactive media/thinks the world needs to have more fun and that telling stories is an important way to that. To persuade you he refers to...





# CHANGING THE WORLD SINCE 1965

OVER 40 YEARS AGO SIMON FRASER  
UNIVERSITY BEGAN OPENING MINDS  
TO A FRESH NEW APPROACH TO  
HIGHER LEARNING.

**AN EXCITING MISSION TO INNOVATE,**  
embrace bold initiative and reach out  
to the global community has made SFU  
today one of Canada's most distinctive  
and respected universities and a leading  
research institution.

Some of the brightest minds are  
here—internationally celebrated  
researchers, inspiring educators and  
accomplished students. In all, SFU  
is a community of more than 20,000  
students, over 800 faculty and more  
than 100,000 alumni worldwide.

In over 100 undergraduate and graduate programs  
within eight faculties across three vibrant Greater  
Vancouver campuses, SFU consistently pushes  
the boundaries of academic innovation.

SFU is best known for its ground-breaking interdisci-  
plinary approach and legendary Co-operative Education  
program. In recent years, the university has been offering  
students a wealth of opportunities for enriching work,  
study and dialogue beyond the campus and around  
the world.

SFU scholars and graduates are tackling and solving some  
of today's most pressing issues, bringing innovation—and  
often new hope—to communities at home and abroad.

At SFU we are... thinking of the world.

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# A DEGREE FOR ENDURING SUCCESS

**A BROAD EDUCATION BEGINS WITH A SYSTEM** that encourages exploration. At Simon Fraser University, our approach transcends the formal borders of knowledge through a powerful interdisciplinary education.

You may already have a clear plan. If you do, at SFU you can deeply investigate your subjects of choice and achieve distinction in your field.

If you are still undecided – or if you have the ambition to go further – we invite you to combine courses across faculties, to create a degree tailored to your interests and aspirations.

## CROSSING THE BORDERS OF KNOWLEDGE

**DO THE SOCIAL SCIENCES INFORM OUR UNDERSTANDING** of biology? Or is it the reverse? Can history illuminate business? Or healthcare? Or native studies? Or the contemporary arts? How does psychology enrich criminology? Could chemistry inform computing?

It's all possible here.

Educational cross-pollination for undergraduates is already well-established at SFU, with nearly 50 joint major programs.

But that's just the beginning. The options for combining programs are vast, and SFU is continually adding new possibilities and setting new standards of excellence to develop well-rounded graduates. For example, our recently adopted new curriculum requirements for undergraduates emphasize breadth of study, and writing and quantitative skills.




An extraordinary range of choice in studies, combined with SFU's flexible full-year trimester system and Co-operative Education opportunities, ensure that you are fully empowered to chart your own singular path to learning.

16	FACULTY OF APPLIED SCIENCES
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24	FACULTY OF EDUCATION
26	FACULTY OF ENVIRONMENT
28	FACULTY OF HEALTH SCIENCES
30	FACULTY OF SCIENCE

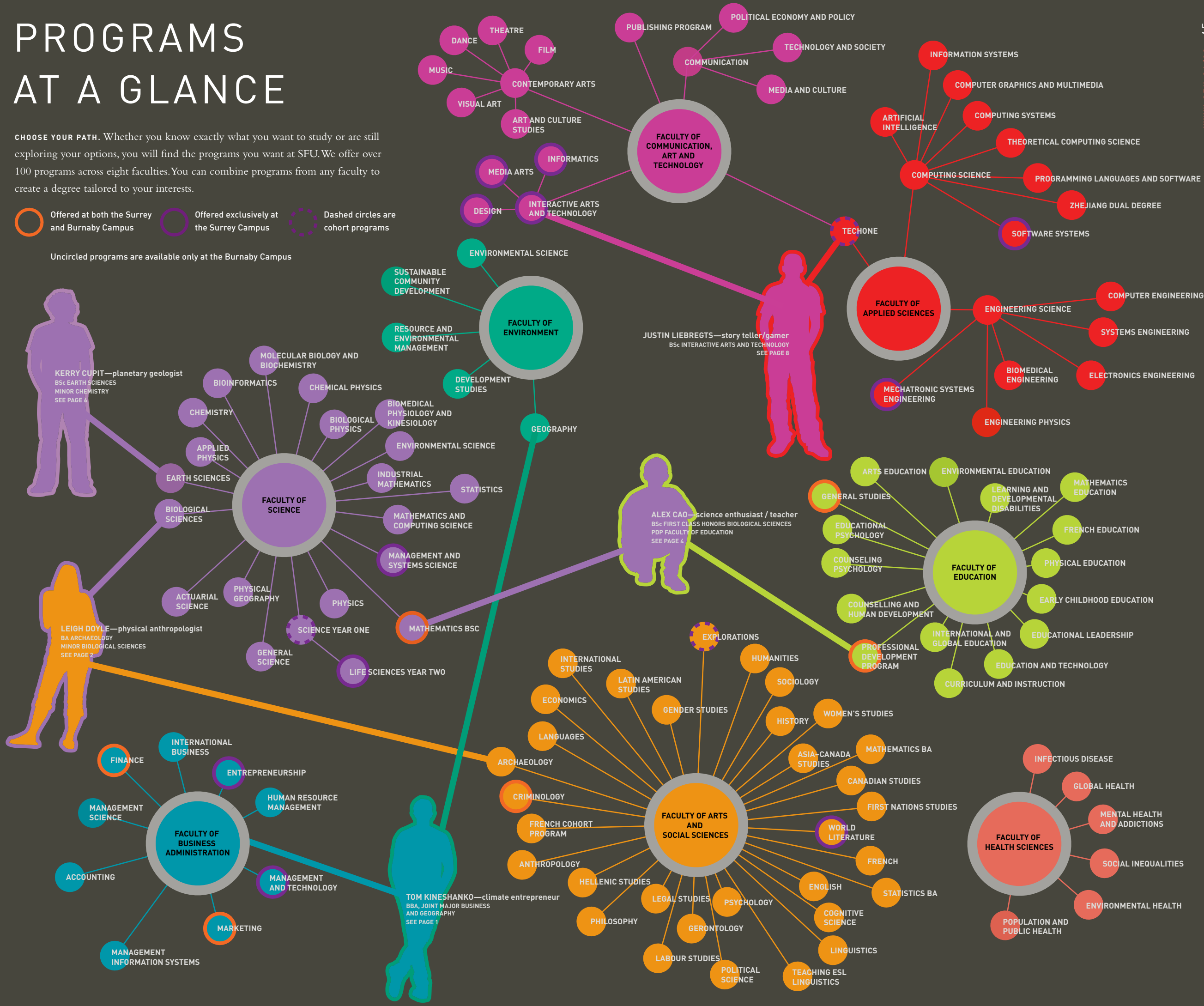


# PROGRAMS AT A GLANCE

**CHOOSE YOUR PATH.** Whether you know exactly what you want to study or are still exploring your options, you will find the programs you want at SFU. We offer over 100 programs across eight faculties. You can combine programs from any faculty to create a degree tailored to your interests.

-  Offered at both the Surrey and Burnaby Campus
-  Offered exclusively at the Surrey Campus
-  Dashed circles are cohort programs

Uncircled programs are available only at the Burnaby Campus





FACULTY OF

# APPLIED SCIENCES

## FIND YOUR FUTURE IN A COMMUNITY OF APPLIED SCIENTISTS WHO SEEK NEW AND BETTER WAYS TO DO THINGS—AND NEW AND BETTER THINGS TO DO.

**HAVE YOU EVER CONSIDERED** just how much we rely on technology? Increasingly we rely on technology to aid us in every aspect of our lives—and the boundaries have yet to be discovered. For those interested in playing a role in developing new advances, it is an exciting time to be at SFU's Faculty of Applied Sciences.

The faculty unites two progressive schools, Computing Science and Engineering Science, each with an international reputation for excellence built on leading edge research—and on graduates who regularly find themselves at the forefront of vital new breakthroughs.

Throughout the faculty, scholarship is advanced by learning beyond the lab and lecture hall, and through the invaluable experience of national and international co-operative work terms. The mission of Applied Sciences is to ensure graduates are well prepared, globally aware and resilient lifelong learners.

### COMPUTING SCIENCE

SFU's internationally recognized School of Computing Science centers around two core programs: Computing Science and Software Systems. The school, one of Canada's largest, also offers joint programs with Business, Mathematics, Linguistics, Philosophy and Molecular Biology and Biochemistry.

Computing Science is home to eighteen diverse labs and groups, each partnered with government and industry for solving real-world computing problems. Creating models to help study crime, and generating more efficient routes for Vancouver couriers, are just two of many intriguing challenges that have been met by Computing Science.

[www.cs.sfu.ca](http://www.cs.sfu.ca)



### COMPUTING SCIENCE MAJOR

The Computing Science major, offered at the Burnaby and Vancouver campuses, provides students with a comprehensive understanding of computing theory and how to apply it just about anywhere on the map of human knowledge, from engineering and science, to business, arts, and social sciences. SFU Computing Science graduates are well prepared for life-long careers in this dynamic and fast-evolving discipline.

### SOFTWARE SYSTEMS MAJOR

The Surrey campus is home to SFU's new Software Systems major, developed to meet the increasing demands of industry for high-calibre professionals experienced in both the conception and creation of software technology. The program positions students to become development pioneers with leading software enterprises.

### COMPUTING SCIENCE DUAL DEGREE

In an innovative partnership with Zhejiang University in China, the Computing Science Dual Degree Program is a challenging international computing program that emphasizes both academic excellence and cross-cultural communication.

[www.cs.sfu.ca/undergrad/prospective/ddp](http://www.cs.sfu.ca/undergrad/prospective/ddp)



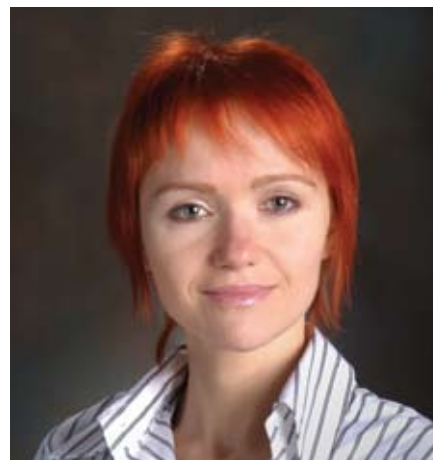
### ENGINEERING SCIENCE

Finding better ways to do things is the powerfully practical approach in Engineering Science. Students in this school strive to design practical solutions for real world application. Wireless heart-rate monitors that can instantly determine a pulse, and nano robots that swim through the blood stream collecting important data, are just two exciting technologies that have captured the imagination of SFU engineering scientists and are making a difference in everyday lives.

The approach is boldly interdisciplinary, with studies in biomedical, computer, electronics, physics, systems, and mechatronic systems engineering.

It's a philosophy that has led to new ideas and programs, such as one of Canada's first biomedical engineering degrees, and a stand-alone mechatronic systems engineering program, among the first of its kind in North America.

[www.ensc.sfu.ca](http://www.ensc.sfu.ca)



### DR ALEXANDRA FEDOROVA

Assistant Professor, School of Computing Science  
MS, Harvard  
PhD, Harvard

## PROGRAMS

### COMPUTING SCIENCE

#### CONCENTRATIONS:

ARTIFICIAL INTELLIGENCE

COMPUTER GRAPHICS AND MULTIMEDIA

COMPUTING SYSTEMS

GEOGRAPHIC INFORMATION SCIENCE

INFORMATION SYSTEMS

PROGRAMMING LANGUAGES AND SOFTWARE

THEORETICAL COMPUTING SCIENCE

SOFTWARE SYSTEMS MAJOR (SURREY)

### ENGINEERING SCIENCE

#### CONCENTRATIONS:

BIOMEDICAL ENGINEERING

COMPUTER ENGINEERING

ELECTRONIC ENGINEERING

ENGINEERING PHYSICS

SYSTEMS ENGINEERING

MECHATRONIC SYSTEMS ENGINEERING (SURREY)

Joint majors, honors, master's and doctoral programs available, as well as co-operative education opportunities.

## DESIGNING THE FUTURE OF COMPUTING

Nine patents and seventeen papers to date, Dr Alexandra (Sasha) Fedorova is one of the youngest and most accomplished Computing Science researchers at Simon Fraser University.

In close collaboration with industry partner, Sun Microsystems, Dr Fedorova and her lab SYNAR (Systems, Networking and Architecture) work in the hottest area today—multi-core processor systems.

“My students and I design innovative operating systems, virtual machine monitors and other system software that enable applications to run smoothly on multi-core processors.” Dr Fedorova describes her work in another way. “I am having a blast at SFU, because I have met many bright and energetic students here who are excited about systems work. Add to that the gorgeous terrain for dirt biking, one of my favourite hobbies just minutes from SFU, and I cannot think of a better place to be.”



FACULTY OF

# ARTS AND SOCIAL SCIENCES

ENGAGE YOUR MIND IN CIVILIZATION'S DIVERSE  
WEB OF KNOWLEDGE ABOUT ITSELF—AND FOREVER  
ENRICH YOUR LIFE.



our companies, our economy, our culture, and themselves, by acquiring the level of cultural and civic literacy that the humanities offer.”

This faculty is home to some of SFU’s legendary interdisciplinary programs, many of them created to foster new thinking about solutions to pressing Canadian and world issues. The new School for International Studies is a recent example.

In Arts and Social Sciences, students are invited to explore subjects from multiple viewpoints, through study, research, dialogue and experiential learning in many settings.

[www.sfu.ca/arts](http://www.sfu.ca/arts)

**SFU CULTIVATES A BROAD PERSPECTIVE** and deep knowledge across the spectrum of arts and social sciences, from Archaeology to World Literature.

Through its 40-plus programs, the Faculty of Arts and Social Sciences is a portal to vital knowledge and empowering skills to shape your future and be adaptive, imaginative and resourceful over a lifetime.

Degree programs in Arts and Social Sciences lead directly to an enormous range of career opportunities. Indeed for any career, a liberal arts education promotes critical analysis, communication and problem-solving skills that are pivotal to human enterprise of all kinds.

Canada’s business leaders agree. An impressive group of Canadian CEOs involved in the digital economy said, “We have an equally strong need for those with a broader background who can work in tandem with technical specialists, helping create and manage the corporate environment.

“Many of our technology workers began their higher education in the humanities, and they are clearly the stronger for it... They have increased their value to



## LINKING ANCIENT WISDOM TO PRESSING ETHICAL PROBLEMS

What does Plato have to do with nuclear waste disposal? A good deal, explains political scientist Genevieve Fuji Johnson: “Teaching the history of western political thought, I bring to my students a wealth of wisdom that has carried over millennia—like the importance of not taking anything for granted and of thinking critically. I encourage students to engage with contemporary public policy issues, to constantly inquire, and seek change.”

Dr Johnson, whose research and writing are in the field of ethics, is deeply engaged in the “pressing” issue of what Canada should do with its nuclear waste. “It raises many ethical questions, such as our responsibilities for the environment and to future generations,” she says. She joined the faculty in 2006, exactly ten years after graduating from SFU. “I had a wonderful experience,” she says, crediting SFU’s “dynamic and supportive” environment with helping her earn an honors degree in Political Science and a Certificate of Proficiency in French.

“It was a solid foundation, and enabled me to do a master’s in London, a PhD in Toronto, and a post-doctoral appointment in Montreal,” she says. “You get a really excellent education here.” As a student, Johnson enjoyed “lengthy conversations” with her SFU professors. She clearly sees wisdom in bringing forward that tradition too—her own office door is open to students all day, Monday through Friday.



### DR GENEVIEVE FUJI JOHNSON

BA (Honors), Simon Fraser University  
MSc, London School of Economics  
PhD, University of Toronto

## PROGRAMS

Explore an abundance of possibilities in these departments, innovative schools and unique programs on all three SFU campuses.

ANTHROPOLOGY  
ARCHAEOLOGY  
ASIA-CANADA STUDIES  
CANADIAN STUDIES  
COGNITIVE SCIENCE  
CRIMINOLOGY (BURNABY/SURREY)  
ECONOMICS  
ENGLISH  
EXPLORATIONS (SURREY)  
FIRST NATIONS STUDIES  
FRENCH  
FRENCH COHORT PROGRAM  
GENDER STUDIES  
GERONTOLOGY  
HELLENIC STUDIES  
HISTORY  
HUMANITIES  
INTERNATIONAL STUDIES  
LABOUR STUDIES  
LANGUAGES  
LATIN AMERICAN STUDIES  
LEGAL STUDIES  
LINGUISTICS  
MATHEMATICS BA  
PHILOSOPHY  
POLITICAL SCIENCE  
PSYCHOLOGY  
SOCIOLOGY  
STATISTICS BA  
TEACHING ESL LINGUISTICS  
WOMEN'S STUDIES  
WORLD LITERATURE (SURREY)

Joint majors, honors, master's and doctoral programs available, as well as co-operative education opportunities.



FACULTY OF

# BUSINESS ADMINISTRATION

LAUNCH A NEW VENTURE. BUILD A CAREER IN A LEADING ENTERPRISE. OR IMPROVE THE BUSINESS ACUMEN OF A NOT-FOR-PROFIT ORGANIZATION. ALL THESE POSSIBILITIES ARE WITHIN REACH FOR SFU BUSINESS GRADUATES.



**THE FACULTY OF BUSINESS ADMINISTRATION** combines a superior academic program with résumé-building experience that maximizes the talents of its students.

The Bachelor of Business Administration program—offered at both Burnaby and Surrey campuses—immerses students in the real dynamics of business, ensuring that graduates are well-grounded through classroom, workplace and international experiences.

Students can tailor such experiences to their individual goals and lifestyle, and are supported along the way with resources and guidance. Co-operative education terms offer a way to finance education while applying relevant knowledge. Internationally, a term at an exchange university overseas enables students to examine the cultural and business differences in another part of the world while earning credits for a BBA degree at SFU.

At SFU Business, clubs, conferences and competitions are a big part of student life, providing life-changing opportunities to connect with organizations, network with business leaders, hone skills, and advance careers. A dedicated Business Career Management Centre offers workshops and other resources that help prepare students to find jobs and manage their careers.

Supported by extensive external partnerships, SFU Business cultivates graduates who are broadly educated, enterprising, socially responsible managers who make positive contributions to their organizations and communities. The faculty sets high standards. BBA students consistently surpass them.

[www.business.sfu.ca](http://www.business.sfu.ca)



## LEADING THE WAY TO SUSTAINABLE COMMERCE

Canada is emerging as a hotbed for the corporate social and environmental responsibility movement, and SFU's Carolyn Egri is among those who have pioneered the change both locally and internationally.

Dr Egri's career as a leading teacher and researcher began in 1990 when she tried to bring environmental awareness into the academic organization she belonged to. "The thinking was initially rejected," she says. "But those of us interested in sustainability persisted. It's been very rewarding to develop a community of sustainability scholars internationally."

Sustainable commerce still may not be business as usual for industry or universities, but the award-winning professor is encouraged by the shift now taking place: "The turning point was in 2006 with the Stern Report on Climate Change, as well as Al Gore's efforts. It's had an incredible impact worldwide."

Dr Egri believes that with SFU's international business and management and organization studies groups at the "top of their fields," the university can play a vigorous role in helping sustainable business to flourish. "And," she notes, "at SFU there is a real independence in research. There are still today business schools that discourage all but mainstream thinking—whereas SFU has the tradition of innovation." What also drew her to SFU Business, she says, is "The calibre of the students. We are a powerhouse even though we're not the biggest. Our undergrads are going up against larger universities and winning. It's our tradition of encouraging critical thought. And they are really fun to teach."

## PROGRAMS

### CONCENTRATIONS:

ACCOUNTING  
ENTREPRENEURSHIP (SURREY)  
FINANCE (BURNABY/SURREY)  
HUMAN RESOURCE MANAGEMENT  
INTERNATIONAL BUSINESS  
MANAGEMENT INFORMATION SYSTEMS  
MANAGEMENT SCIENCE  
MANAGEMENT AND TECHNOLOGY (SURREY)  
MARKETING (BURNABY/SURREY)

Joint majors, honors, master's and doctoral programs available, as well as co-operative education opportunities.

The question still is, does sustainability pay? "Overall," she reports, "most studies find a positive relationship between sustainability and financial performance. These are ideas that go together very well. But it's not one hundred percent. The key factor for success is really believing in what you are doing and doing that effectively."

One might well say that has worked for Carolyn Egri.



### DR CAROLYN EGRI

Professor, Management and Organization Studies  
Visiting Professor of Management, Xi'an Jiaotong University, China  
BComm, University of British Columbia  
MSc, University of British Columbia  
PhD, University of British Columbia



FACULTY OF

# COMMUNICATION, ART AND TECHNOLOGY

JOIN A NEW FACULTY THAT COMBINES THESE THREE COMPELLING DISCIPLINES INTO A CUTTING-EDGE INTERDISCIPLINARY, INTEGRATED, AND IMAGINATIVE LEARNING ENVIRONMENT.

**SFU TOOK A GIANT STEP** toward realizing its vision to become an international destination for arts and culture with the creation of this exciting new faculty. It aims to advance applications of new technology and media that permeate every facet of contemporary life, enabling new forms of communication, art, and design that are significantly restructuring many aspects of life. In this contemporary future-focused faculty, students and professors will collaborate in innovative research and immersive study.

## SCHOOL OF COMMUNICATION

Students in the School of Communication study human interaction from a critical perspective, examining media and culture, technology and society, communication policy and political economy. Collaborating with other applied scientists, they deploy their combined insights in areas as diverse as healthcare and communication policy development. Graduates permeate every career type and sector.

[www.cmns.sfu.ca](http://www.cmns.sfu.ca)

## SCHOOL FOR THE CONTEMPORARY ARTS

The school is committed to the study, production and promotion of contemporary art, offering a dynamic and integrated arts curriculum. Programs in art and culture studies, dance, film, music, theatre, and visual art are focused on developing creative artists and scholars who are equipped to excel in a transforming world. Over its 30-year history, the school has produced outstanding alumni who have gone on to play acclaimed roles in redefining the arts in Canada.

In September 2009, the school will move into its new location on the former Woodward's site in downtown Vancouver. This state-of-the-art facility will include three theatres, a world art studio, a cinema, and an art gallery, as well as teaching spaces.

[www.sfu.ca/sca](http://www.sfu.ca/sca)

## PUBLISHING PROGRAM

SFU's Master of Publishing Program and undergraduate minor form Canada's premier training ground for publishing professionals. The program integrates advanced industry practice with insights gained from applied research. This innovative program challenges students with dynamic seminar courses and intensive simulation projects. Along with a highly qualified faculty, the program introduces guest experts drawn from publishing firms across Canada into many facets of the program.

[www.ccsf.sfu.ca/mpub](http://www.ccsf.sfu.ca/mpub)

## SCHOOL OF INTERACTIVE ARTS AND TECHNOLOGY

SFU Surrey's unique School of Interactive Arts and Technology (SIAT) invites you to explore ideas where technology and art meet. Here students acquire deep understandings of digital interactive media, knowledge management and human computer interaction in sophisticated labs and instructional facilities, led by an accomplished faculty.

[www.siat.sfu.ca](http://www.siat.sfu.ca)



## PUSHING BOUNDARIES IN A VIRTUAL UNIVERSITY

Vincent Wong leads a double life. In reality, he is a SIAT graduate in New Media Environments, heading for a career in technology arts research. In the virtual 3D world of Second Life, he is often known as Vincenzo Voom or SFU Writer.

These are identities he assumes for the purpose of scientific research, not game-playing. His alter ego "avatars" are part of Centrocitiy, a pilot project he is leading. His team's goal is to create a virtual university in Second Life, the online 3D environment that's popular for those inspired by limitless possibilities for interactive content creation.

The team is driven to probe the boundaries of art in technology—and equally keen on humanizing the values of this fascinating and bizarre world, where only the money that fuels its astonishing economy is real.

"The goal is a real-time environment, just like a real classroom. We hope it will be engaging, functional and sustainable. It will be a microcosm of the real world, and all the issues that come with it," explains Vincent.

Vincent's passion for 3D animation took flight in high school. "I was thinking of going to a film school, but SIAT just looked much more interesting. I wanted to really understand what it all means, how all this impacts the world. I realized film school wouldn't go deep enough."

Like almost every project and course in SIAT, Centrocitiy is intensively collaborative. Vincent says that's just how things are done at SIAT: "Innovation is infectious. Your idea inspires my idea. You break the constraints of your individual perspective. You find the synergy to do something really significant."

## PROGRAMS

COMMUNICATION

CONCENTRATIONS:

MEDIA AND CULTURE

POLITICAL ECONOMY AND POLICY

TECHNOLOGY AND SOCIETY

CONTEMPORARY ARTS

CONCENTRATIONS:

ART AND CULTURE STUDIES

DANCE

FILM

MUSIC

THEATRE

VISUAL ART

INTERACTIVE ARTS AND TECHNOLOGY

CONCENTRATIONS:

DESIGN

INFORMATICS

MEDIA ARTS

PUBLISHING PROGRAM

Joint majors, honors, master's and doctoral programs available, as well as co-operative education opportunities.



## VINCENT WONG

BA Interactive Arts and Technology 2008  
School of Interactive Arts and Technology  
Faculty of Communication, Art and Technology

Team Members: Holly Cheung, Alex Ting, Philip Wong  
Project Site: [www.sfu.ca/centrocitiy](http://www.sfu.ca/centrocitiy)



FACULTY OF

## EDUCATION

LOOK AROUND ANY CLASSROOM AND SEE THE FACES OF OUR WORLD'S FUTURE, AND BE A PART OF ENSURING OUR GLOBAL CITIZENS ARE EDUCATED WELL.

**A LEADER IN GLOBAL EDUCATION**, SFU's Faculty of Education was founded on a commitment to innovative experiential learning, scholarly excellence, and responsiveness to communities. Its graduates are making a difference in the quality of education around the world.

The faculty offers a variety of professional development programs, a graduate diploma, and master's and doctoral programs taught in French. Five program areas provide a wealth of options for those interested in pursuing or advancing a professional or academic career in the field of education.

#### UNDERGRADUATE PROGRAMS

[www.educ.sfu.ca/ugradprogs](http://www.educ.sfu.ca/ugradprogs)

Undergraduate courses are suitable for students in all faculties interested in learning more about issues, foundations, and practices in the field of education. Offerings range from single electives and Education minors, to the Bachelor of Education degree and the Bachelor of General Studies (Education).



#### PROFESSIONAL PROGRAMS

[www.educ.sfu.ca/pdp](http://www.educ.sfu.ca/pdp)

The acclaimed Professional Development Program (PDP) is a full-time three-term program that artfully blends coursework and practical classroom experience.

Successful completion of the PDP leads to recommendation to the British Columbia College of Teachers for a BC Teaching Certificate.

#### GRADUATE PROGRAMS

[www.educ.sfu.ca/gradprogs](http://www.educ.sfu.ca/gradprogs)

An engaged faculty of researchers and practitioners represent the highest levels of excellence in graduate scholarship. Designed to anticipate and meet the needs of global and local challenges, our master's and doctoral programs have made the faculty an international leader in graduate studies in education.

#### FIELD PROGRAMS

[www.educ.sfu.ca/fp](http://www.educ.sfu.ca/fp)

Field Programs provide teachers with professional development opportunities to enhance their expertise. Areas of focus in these programs are developed in collaboration with school districts and have included literacy, mathematics education, technology, diversity, and French education to name a few.



#### INTERNATIONAL PROGRAMS

[www.educ.sfu.ca/intled](http://www.educ.sfu.ca/intled)

All our alumni agree: international practicums are enriching and often life-changing experiences for educators in training.

International Programs staff arrange overseas academic and practical teaching opportunities for both local and international students, from a PDP practicum in Mexico, Trinidad, China, or Cuba, to bringing teachers from China and Korea to Vancouver.

International experiences are guided by professors who are recognized for their work locally, nationally, and internationally. The program is also assisted by teachers seconded from school districts who bring their wisdom and practical experience to SFU's international education candidates.

#### NEW BACHELOR OF GENERAL STUDIES (EDUCATION)

The BGS (Education), designed for non-specialists, introduces students to the field of education, teaching methods, and learning possibilities. The program enables exploration of a range of experiences such as early childhood education, kindergarten to Grade 12, adult education, English as an additional language, and teaching in non-traditional settings.

## CATCHING THE GLOBAL SPIRIT OF TEACHING

An astonishing 90 million children in developing countries do not have access to education, and Stephanie Kroeker hopes to be part of the solution. Stephanie caught the global spirit while doing her practicum in Dalian, China as part of SFU's international teacher preparation curriculum.

"The faculty is very well known for its forward-thinking philosophy and international professors. You really feel the presence of leadership here," says this lifelong aspiring educator.

Stephanie says SFU's famed interdisciplinary approach is ideally suited to educating teachers, who must be highly versatile. "For example, math isn't my subject, but here I can work with a math genius. Everyone brings their strengths as we move across the curriculum. That's where education is going."

## SPECIALIZATIONS IN EDUCATION

COUNSELLING AND PSYCHOLOGY  
CURRICULUM AND PEDAGOGY  
EARLY CHILDHOOD  
ECOLOGY, ENVIRONMENT & SUSTAINABILITY  
EDUCATIONAL PSYCHOLOGY  
FINE ARTS AND PERFORMANCE  
HEALTH AND PHYSICAL EDUCATION  
INTERNATIONAL & GLOBAL  
LANGUAGES, CULTURES AND LITERACIES  
LEADERSHIP  
MATHEMATICS  
PHILOSOPHY  
SPECIAL NEEDS  
TECHNOLOGY AND LEARNING DESIGN

Master's and doctoral programs available, as well as co-operative education opportunities.

Stephanie is seriously considering a return to Dalian—where her teachers have secured her a job offer. "They opened doors for me I didn't know existed. It was breathtaking how much effort they put in to help me," she marvels. "This program has exceeded my expectations."



#### STEPHANIE KROEKER

BA English Literature, University of The Fraser Valley  
Professional Development Program candidate,  
Faculty of Education, International Programs



FACULTY OF

## ENVIRONMENT

Subject to further Senate approvals

ASPIRE TO INFLUENCE HOW PEOPLE LIVE ON THE PLANET  
AND SHAPE SOLUTIONS FOR THE WORLD'S MOST PRESSING  
ENVIRONMENTAL CHALLENGES.

**SFU'S HISTORY OF ENGAGING** with the local community to conduct research on relevant issues has resulted in a wealth of interdisciplinary expertise in areas related to managing British Columbia's natural and environmental resources. Now, a new Faculty of Environment will build on the university's important work in teaching and research related to environment and sustainability.

This exciting initiative brings together a breadth of environmental expertise from across the university, providing a strong base for evaluating and addressing vital environmental challenges that are profoundly affecting our world's future. Combining this expertise into one faculty will enhance education, research and outreach programs in this critical area.

As it grows over time, the new faculty will attract increased attention to internationally acclaimed research programs, and provide exciting new educational opportunities for students.

The new Faculty of Environment currently comprises these undergraduate programs and courses: Environmental Science, Geography, Resource and Environmental Management, and Sustainable Community Development. A graduate certificate in Development Studies is also offered.



With these components, the vision is to build a faculty that encompasses a truly interdisciplinary approach to environmental issues. The faculty will further develop outstanding interdisciplinary initiatives that already exist, expanding opportunities for students to achieve breakthroughs beyond conventional approaches to environmental sustainability.

The new faculty will also be home to programs that integrate economic, social, scientific and environmental topics. Students will learn not only the science behind environmental issues such as global warming, but also the societal, economic and political dimensions that tend to make issues controversial and solutions unclear.

Students in the new faculty will gain critical insight into how we are changing our world while developing strategies to create a more sustainable future.

ILLUMINATING GLOBAL  
CLIMATE AND ENERGY  
CHALLENGES

"The best Canadian mind on the environment." That's how Globe and Mail columnist Roy MacGregor describes Mark Jaccard.

Regularly sought out by governments and journalists to comment on Canada's environmental responsibility, Dr Jaccard was an SFU student in the 1970s.

"I was attracted to an upstart university that challenged conventional thinking. I loved the ability to take courses from different departments. I was really trying to be a renaissance guy," he recalls.

As an international authority on energy economics and climate change, Dr Jaccard continues to challenge prevailing opinions. His 2006 book, Sustainable Fossil Fuels, won the Donner Prize, and he's just published Hot Air: Meeting Canada's Climate Change Challenge.

In 1986, Dr Jaccard formed the Energy and Materials Research Group in SFU's School of Resource and Environmental Management (REM), where scholars from a range of disciplines work together on policy models to encourage breakthrough technological change.

## PROGRAMS

DEVELOPMENT STUDIES

ENVIRONMENTAL SCIENCE

GEOGRAPHY

RESOURCE AND ENVIRONMENTAL MANAGEMENT

SUSTAINABLE COMMUNITY DEVELOPMENT

Joint majors, honors, master's and doctoral programs available, as well as co-operative education opportunities.

REM has been a spectacular success because, says Dr Jaccard, "It was designed right. More conventional universities were not able to break down departmental barriers. At SFU faculty were wholly dedicated to working across disciplines. Our grads are the most sought-after in Canada and internationally," says the multiple award-winning author. "SFU was creative enough to have enabled this to happen. This is SFU in the world."



## DR MARK JACCARD

Professor, School of Resource and Environmental Management  
Director, Energy and Materials Research Group

BA, Simon Fraser University  
MRM, Simon Fraser University  
PhD Economics, Grenoble



FACULTY OF

# HEALTH SCIENCES

CONTRIBUTE YOUR PASSION FOR A HEALTHY SOCIETY TO A PIONEERING FACULTY WITH AN INTERNATIONAL REPUTATION IN PUBLIC AND GLOBAL HEALTH STUDIES.

**RALPH WALDO EMERSON SAID IT BEST** more than a century ago: “The first wealth is health.” Today we know that the cornerstone of any viable community is the health of its citizens.

The Faculty of Health Sciences was founded to address the challenges to health that often stand in the way of economic and social development. The overarching mission is to advance the public’s health through learning, discovery, and communication.

From epidemics and catastrophes that produce major health events to local and individual health care issues, Health Sciences focuses on many facets of well-being in the human community.

Health Sciences faculty and students collaborate with other SFU faculties and disciplines, as well as with the province of BC, and partners all over the world. Working relationships and links to a wide variety of grassroots, university, NGO, or government-based local and national experts have been forged in places as diverse as Northern Manitoba, the Yukon, Uganda, Mongolia, Zambia, Mexico, China, India and Guatemala.

Areas of inquiry are equally diverse and include: evaluations of incidence of HIV/AIDS in prison populations; influencing public policies to make gender a consideration when formulating health policy; individual and community impacts of environmental hazards in the home and their link to asthma; the interaction of a virus and its host; and the impact of socioeconomic and climate change on public health in Mongolia.



## UNDERGRADUATE PROGRAMS

The primary objective of the Health Sciences BSc and BA degrees is to educate students about health and health issues and transitions occurring locally, nationally, and globally that follow the wake of dramatic environmental, political, economic, and social changes.

These degree programs explore and consider broad knowledge about human health, including individual health, health policy, infectious disease, immunology, mental health and illness, environmental health and policy, global health, and current ethical issues in health, medicine, and globalization.

Students are prepared for occupations and involvement in health-related fields that increasingly demand critical thinking, interdisciplinary skills and and international thinking perspectives. For example, most Canadian medical schools now expect applicants to demonstrate a broad understanding of population health concepts as well as strength in bio-sciences.

[www.fhs.sfu.ca](http://www.fhs.sfu.ca)



## EXPOSING THE IMPACT OF AIR POLLUTION ON HEALTH

Typically we look to diet, lifestyle or genetics to find causes of cardiovascular disease. Recently Dr Ryan Allan showed that air pollution is also a serious culprit, one that varies by where you live.

“The more polluted a city’s air, the higher the risk of developing atherosclerosis,” he says.

It was a piece of work that caught the attention of SFU’s Faculty of Health Sciences, which Dr Allen joined in 2006. He was drawn by a “dynamic faculty” interested not only in studying environmental health issues, but also in finding solutions.

“My main interest is the impact of air pollution on health—what pollutes most, who is most susceptible, and what policies should we try to develop in response,” he explains.

In this work, Dr Allen is as devoted to teaching as he is to research. He says, “SFU attracts faculty who want to do both—to engage students in research as a learning instrument, and to go beyond research into action. A lot of my colleagues do research all over the world on health issues facing people in developing countries. That’s somewhat unique. And we appeal to a lot of students who enjoy that perspective. I strongly believe that’s what a university should be doing.”



## DR RYAN ALLEN

Assistant Professor, Faculty of Health Sciences  
BS Physics, Denison University  
MS Environmental Engineering, University of Washington  
PhD Environmental and Occupational Health Sciences, University of Washington

## PROGRAMS

BACHELOR OF ARTS IN HEALTH SCIENCES  
BACHELOR OF SCIENCE IN HEALTH SCIENCES

### CONCENTRATIONS:

ENVIRONMENTAL HEALTH  
GLOBAL HEALTH  
INFECTIOUS DISEASE  
MENTAL HEALTH AND ADDICTIONS  
POPULATION AND PUBLIC HEALTH  
SOCIAL INEQUALITIES

Major, minor, master’s and diploma programs available, as well as co-operative education opportunities.



FACULTY OF

## SCIENCE

## EXPAND YOUR COMMAND OF SCIENCE WHERE A COMMITMENT TO EXCELLENCE IS DELIVERED THROUGH STELLAR TEACHING, RESEARCH AND ONE-TO-ONE STUDENT MENTORING.

**SFU'S FACULTY OF SCIENCE** engages students in the pursuit of world knowledge in every field of scientific study, from big problems like global warming, to very small problems like unlocking a strand of DNA to find a cure for diabetes—and even out-of-this-world problems like simulating life on Mars.

Every department counts among its faculty people who are world leaders in their field—leaders as dedicated to teaching as they are to research. In 30 programs, students are offered virtually limitless possibilities to combine subjects within the faculty or, like the joint degree in Molecular Biology and Biochemistry and Business, connect to broader fields of study at SFU.

SFU Science students are also encouraged to be involved in research by volunteering at a lab and engaging in a variety of opportunities to learn beyond the classroom.

One student who maximized his research opportunity is Joel Zylberberg. Working with the cutting edge 4-D Labs, Joel helped discover new ways of understanding the basic building blocks of matter and how to use that understanding to improve nanotechnologies like data storage. His efforts, and the the co-operation of his SFU professors, helped him win the most prestigious graduate scholarship in Canada: the \$180,000 Fulbright International Science and Technology Award.

[www.sfu.ca/science](http://www.sfu.ca/science)

#### NATASHA RICHARDSON DESCRIBES HER WORLD IN MATHEMATICAL TERMS

Supported by a coveted Natural Sciences and Engineering Research Council of Canada (NSERC) grant, Natasha is collaborating with other researchers at SFU's internationally recognized Interdisciplinary Research in Mathematics and Computing Sciences (IRMACS) Centre. Her project applies mathematical formulas to the judicial system in British Columbia, using math to enable people to see the system's issues visually and numerically, and identify possible solutions.

“Research opportunities are one of the best ways to get to know professors, learn your subject really well, and see how the real world will use what you are learning in class,” says Natasha.

[www.irmacs.sfu.ca](http://www.irmacs.sfu.ca)

#### BUILDING SCIENCE CAREERS

At SFU Science, first-year students are paired with a faculty member in a unique one-to-one mentoring program. Faculty mentors provide invaluable knowledge, guidance and connections that help students chart their own paths as they venture deeper into scientific studies at SFU.

Beyond mentoring, the Work Integrated Learning and Co-op programs offer a wealth of opportunities to practice hands-on science in the labs and research centres of some of the nation's top scientists.

[www.sfu.ca/coop/science](http://www.sfu.ca/coop/science)



#### EXCITING PROGRAMS

The faculty's variety of programs, including concentrations in Biological Sciences such as Cell and Molecular Biology, and Ecology and Evolutionary Biology, and joint majors in such areas as Molecular Biology and Biochemistry and Computing Science, and Mathematics and Computing Science, provides an excellent opportunity to delve into multiple topics.

#### KINESIOLOGY JOINS THE FACULTY OF SCIENCE

SFU's department of Kinesiology becomes the department of Biomedical Physiology and Kinesiology in 2009, strengthening the science faculty with its focus on the anatomical, physiological, mechanical and psychological aspects of human health and movement. And with new connections to the faculty's biomedical and life sciences teaching and research, students will enjoy expanded careers in the biomedical and health fields.

[www.sfu.ca/kinesiology](http://www.sfu.ca/kinesiology)

COMBATING DISEASES  
BY UNDERSTANDING HOW  
SUGARS AND PROTEINS  
CONNECT

Award-winning professor Dr David Vocadlo's world is full of sugars. As a chemist and glycobiologist, he studies the interaction of carbohydrates and proteins at the chemical and molecular level to better understand treatment of diseases like Cystic Fibrosis and Alzheimer's disease.

SFU, he says, is an excellent environment for advancing his work. “People here are very bright and motivated,” he says. His students are similarly motivated by working with him. Aleksandra Debowski worked in his lab as an undergraduate student and is now completing a master's degree in Australia in Nobel Laureate Dr Barry Marshall's lab.

## PROGRAMS

ACTUARIAL SCIENCE  
APPLIED MATHEMATICS  
APPLIED PHYSICS  
BIOLOGICAL PHYSICS  
BIOLOGICAL SCIENCES  
CHEMICAL PHYSICS  
CHEMISTRY  
EARTH SCIENCES  
ENVIRONMENTAL CHEMISTRY  
ENVIRONMENTAL TOXICOLOGY  
INDUSTRIAL MATHEMATICS  
MANAGEMENT AND SYSTEMS SCIENCE (SURREY)  
MARINE SCIENCE  
MATHEMATICAL PHYSICS  
MATHEMATICS  
MOLECULAR BIOLOGY AND BIOCHEMISTRY  
NUCLEAR SCIENCE  
PHYSICAL GEOGRAPHY  
PHYSICS  
STATISTICS  
SCIENCE YEAR ONE (SURREY)  
LIFE SCIENCE YEAR TWO (SURREY)

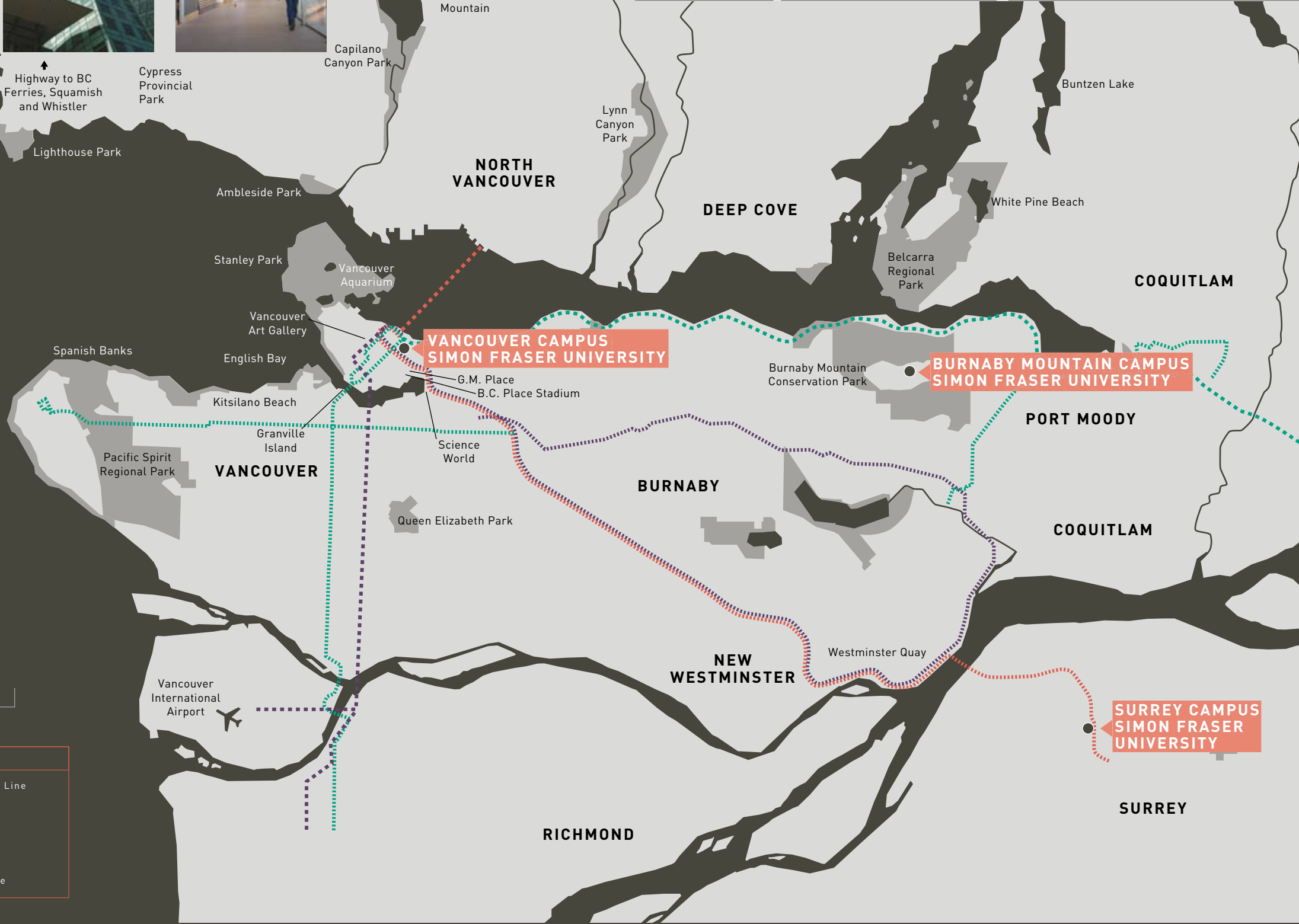
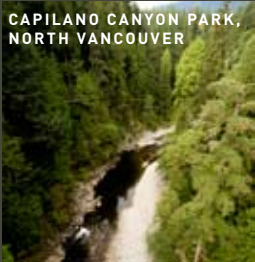
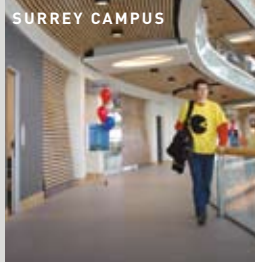
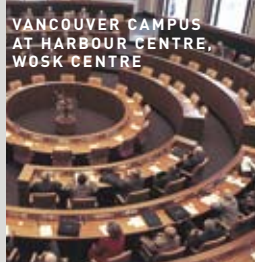
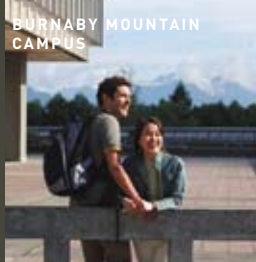
Joint majors, honors, master's and doctoral programs available, as well as co-operative education opportunities.






## DR DAVID VOCADLO

Assistant Professor, Department of Chemistry  
BSc, PhD, University of British Columbia  
Postdoctoral Fellow, University of California, Berkeley  
Canada Research Chair, Chemical Glycobiology





5 km  
2 mi

TRANSIT LEGEND	
	SkyTrain Millennium Line
	SkyTrain Expo Line
	SeaBus Route
	West Coast Express
	B-Line Bus Route
	SkyTrain Canada Line



# WELCOME TO THE WORLD’S MOST LIVABLE CITY

IF SFU’S SPECTACULAR SETTING INSPIRES YOU AS MUCH AS ITS ACADEMIC REPUTATION, WE CAN HARDLY BLAME YOU—SFU FACULTY, STUDENTS AND STAFF LOVE LIVING HERE TOO.



**RANKED AS THE WORLD’S MOST** livable city, the Vancouver region is a progressive and cosmopolitan centre of over two million people. Safe and filled with energy, the region is made up of diverse communities and neighbourhoods. Exploring them, you’ll find an incredible variety of cultural and recreational possibilities and pastimes.

From a lively nightlife and world-class theatre, music and dance, to professional sports teams, you’ll discover countless opportunities for fun and entertainment.

At SFU, you’ll be immersed in the spectacular evergreen natural beauty of the Lower Mainland and southern Coastal area—surrounded by mountains, ocean, islands.

Here, you’ll enjoy an array of opportunities you simply won’t find anywhere else. Kayak, row or sail on English Bay. Cycle, walk or rollerblade around the downtown seawall promenade, or through the city’s extensive park and trail system.

Chosen as host city for the 2010 Olympic Winter Games, Vancouver offers unparalleled skiing and snowboarding—on the North Shore mountains, just a few minutes from the city, or via a 90-minute drive to world-famous Whistler Blackcomb.

Whatever your extra-curricular passions, you can pursue them while studying at Simon Fraser University.

# ATHLETICS AT SFU

## CLAN SCHOLAR ATHLETES: DEGREES OF EXCELLENCE ON AND OFF THE FIELD

**HIGH SCORES AND HIGH MARKS** go hand-in-hand at SFU. Increasingly, a proud tradition of athletic achievement, highlighted by 66 varsity championships, is enhanced by academic distinction. In fact, half our Clan teams have average GPAs above 3.0.

This impressive statistic springs from the university’s pursuit of the “scholar-athlete” ideal. The varsity athletics program works with gifted athletes who are also academically sound, and helps them realize their potential. Our athletes train every day, travel around the world to compete, and at the same time, study just like every other student. It’s a different kind of multi-disciplinary learning and an outstanding achievement in its own right.

A shining example of the scholar-athlete philosophy is the superstar women’s basketball program that annually achieves an astonishing GPA of over 3.20, and has won three of the last seven Canadian National Championships. Now they are global contenders, having participated in the inaugural student-athlete exchange program with Renmin University in China.

International aspirations are definitely ascending at SFU, with more than 70 students having competed for Canada at the Olympics, five of whom have won individual honors, including gold medalist Daniel Igali. In 2008, SFU sent eight athletes to the Beijing games, including one who epitomizes the Canadian dream, Ruky Abdulai.



Born in Ghana, Abdulai dreamed at the age of nine of coming to Canada after her schoolteacher gave a lesson on geography. Setting her sights on SFU, Abdulai made the leap to Canada in 2005, and in January of 2008, her dream was fulfilled when she was sworn in as a Canadian citizen. Abdulai immediately made her adopted nation proud when only three months later the long jump specialist broke the Canadian record while competing for the Clan at a meet in California.

A winning combination of exceptional coaching and facilities, including a new \$16 million fitness and training center, have helped to fuel these world caliber performances.

At SFU, however, athletic eyes are always on the main prize—preparation for life and career. As Scott Voss, a recent Clan football alumnus, noted “What attracted me to SFU? I wanted a good degree. I’m going to be a football player for a few years, but I’m going to be an SFU grad for the rest of my life.”

SFU VARSITY SPORTS		
Varsity Sport	Men	Women
Basketball	CIS	CIS
Cross Country	NAIA	NAIA
Football	CIS	-
Soccer	NAIA	NAIA
Softball	-	NAIA
Swimming & Diving	NAIA	NAIA
Track & Field	NAIA	NAIA
Volleyball	-	CIS
Wrestling	CIS/NAIA	CIS
CIS: Canadian Interuniversity Sport NAIA: National Association of Intercollegiate Athletics		



# STUDENT LIFE

FUN AND FRIENDS ARE THE MAIN REASONS TO JOIN A CLUB, VOLUNTEER, OR GO ON AN INTERNATIONAL EXCHANGE. AND IF THOSE ACTIVITIES ALSO HELP YOU REACH YOUR GOALS FASTER? WELL, THAT’S LIFE AT SFU.

## WELCOME TO FIRST YEAR

### ORIENTATION

The Discover SFU Orientation program welcomes new students to the Burnaby and Surrey campuses. Meet professors and students in your program, learn about cool resources, and be matched with an upper year peer who will help you navigate first term. It’s one of SFU’s biggest events, and it comes with food, prizes, social events—and the wildly popular Drum Café.

Register at [students.sfu.ca/orientation](http://students.sfu.ca/orientation)

### WEEK OF WELCOME

The Week of Welcome truly is a WOW. On Burnaby and Surrey campuses, the term always starts with WOW parties and events, the fastest way to meet new and returning students, and connect to the SFU community.

## CAMPUS LIFE— SOMETHING FOR EVERYONE

### UNIVERSITY LIFE—GET INTO IT!

There’s so much more to campus life than studying. Find out what’s happening every week, where to eat, or to just hang out.

[www.sfu.ca/ulife](http://www.sfu.ca/ulife)

Each week, students take in pub nights, club events, movie nights, dance and recreation classes, Contemporary Arts performances, interesting workshops, varsity games and gallery shows, just to name a few choices.



© Michael Sean Photography



Then there are huge events for all SFU students, like:

- **CLUBS WEEK** Join a club or start your own.
- **SHRUM BOWL** Cheer on SFU at the biggest football game of the year—Go Clan!
- **TERRY FOX DAY** Our annual Fall walk/run in memory of one of BC’s most cherished heroes.
- **GUNG HAGGIS FAT CHOY** Robbie Burns Day meets Lunar New Year, in our Spring fusion of west and east.
- **FAIRS** Showcasing an array of volunteer opportunities, international travel, and campus involvement.
- And did we mention the **FREE FOOD AND PRIZES?**

### SURREY CAMPUS ACTIVITIES AND EVENTS

Volunteers with the Surrey’s Student Ambassador Program make sure things at Surrey campus are always lively. Fun events like barbecues and impromptu celebrations involve everyone at Surrey—students, faculty and staff.

Learn more about the Student Ambassador program at [surrey.sfu.ca/sa](http://surrey.sfu.ca/sa), and check out upcoming Surrey events at [surrey.sfu.ca](http://surrey.sfu.ca).

### RECREATION

It’s for everyone! Recreation is about friendships, fun, and active living. Try a dance, yoga or martial arts class. Take a swim in our pool or work out in our Fitness Centre. Play a sport through drop-in or intramural programs. Memberships are free for most students.

[students.sfu.ca/recreation](http://students.sfu.ca/recreation)



© Michael Sean Photography



© Michael Sean Photography

### SIMON FRASER STUDENT SOCIETY

The society funds nearly 100 clubs, for interests from political, to religious, to recreational—join a club at Clubs Days or start a new one. The SFSS also offers food services, lounge space, travel services, a print shop, advocacy, and more.

[www.sfss.ca](http://www.sfss.ca)

### FIRST NATIONS STUDENTS

A strong, supportive community is fostered by the First Nations Student Centre, a place to socialize and celebrate achievement. The Centre offers referrals and access to such resources as band liaison and funding.

[students.sfu.ca/firstnations](http://students.sfu.ca/firstnations)

### INTERFAITH CENTRE

All groups are welcome to use Centre resources: spiritual advisors, meeting rooms, confessional, washing facilities and place for private prayer.

[students.sfu.ca/interfaith](http://students.sfu.ca/interfaith)

### HEALTH AND COUNSELLING SERVICES

The physical and emotional health of students is important to SFU. HCS programs include personal counselling, physiotherapy, clinics and workshops on topics like nutrition and stress.

[students.sfu.ca/health](http://students.sfu.ca/health)

## LEAD THE WAY

### STUDENT LEADERSHIP & VOLUNTEERING

SFU leadership programming starts with Passport to Leadership workshops for first year students, and continues through to the annual Leadership Summit conference. The Certificate in Innovative Leadership is awarded to senior student leaders who apply their skills in a community project.

[www.students.sfu.ca/studentlife](http://www.students.sfu.ca/studentlife)

Volunteering on campus as an Orientation Leader, Peer Educator, Recreation Leader or International Mentor is a great way to serve others, get connected, make friends and build skills.

[students.sfu.ca/studentleaders](http://students.sfu.ca/studentleaders)

### VOLUNTEER SERVICES

SFU Volunteer Services connects students to opportunities to enhance personal development, while supporting community organizations on and off campus.

[www.sfu.ca/volunteer](http://www.sfu.ca/volunteer)

### GET INVOLVED

What’s your passion? Express yourself by leading a club or student organization. Run for office as an elected Student Society representative. Become a writer for the Peak newspaper, or a DJ for CJSF campus radio. Volunteer for Out on Campus, the Interfaith Centre or Sustainable SFU.

Click on the Get Involved icon at [www.sfu.ca/ulife](http://www.sfu.ca/ulife).



© Ivy Cheung

## WORKING AND TRAVEL

### CO-OPERATIVE EDUCATION

Develop your skills, find a job and discover your passion in every SFU faculty. By alternating study and paid work terms, you’ll gain career-related work experience, fund your education and make important connections locally, nationally and internationally.

[www.sfu.ca/coop](http://www.sfu.ca/coop)

### CAREER SERVICES

Find out what you can do with your degree and how to work toward your goals through free career advising sessions and resources in our Career Centre.

[www.sfu.ca/career](http://www.sfu.ca/career)

### SFU INTERNATIONAL

Explore the world, earn credits, internationalize your résumé and have the time of your life, via SFU International. International Mobility Awards offer up to \$2,500 for students in formal Exchange programs.

[www.students.sfu.ca/international](http://www.students.sfu.ca/international)



# LIVING & LEARNING AT SFU

## WHERE COMMUNITY FLOURISHES

**INSPIRATIONAL SETTINGS** have been synonymous with SFU since its birth atop a mountain over 40 years ago. In North America’s most exhilarating university setting, the Burnaby Mountain campus affords stunning panoramic views. Just 25 minutes from downtown, the campus remains invitingly human and easily walkable, a place where learning and community life flourish.

To immerse yourself in the university community, consider staying in residence at our Burnaby campus. Living in an environment that’s both enjoyable and conducive to studying, you will not only spark lifelong friendships, you’ll eliminate your daily commute!

Designed for first and second year students, and complete with a meal plan, the residence towers offer 727 fully furnished single rooms, each with its own fridge and high speed Internet connection.

In SFU residence we provide programs and services to support a student’s emotional, physical and psychosocial development. We foster student communities grounded in a shared sense of responsibility, purpose, integrity, respect and openness.



Above: Burnaby Mountain campus  
Top Right: Morris J. Wosk Centre for Dialogue, Vancouver campus at Harbour Centre  
Right: Burnaby Mountain campus residence room



Surrey campus

## SURREY CAMPUS

When SFU extended its reach to Surrey, it added more capacity to the university—and some bold new thinking as well. Our Surrey campus is located in a stunning architectural complex recently acclaimed as “the world’s best business centre.” Situated right next to a SkyTrain station, the campus is home to a range of undergraduate and graduate programs—notably the novel School of Interactive Arts and Technology, the first of its kind in Canada.

## VANCOUVER CAMPUS

SFU’s downtown campus is an artful blend of three buildings. Harbour Centre, a modern high-rise, offers a wide variety of undergraduate, graduate and continuing education classes. Nearby stand two exquisitely restored heritage buildings: the Segal Graduate School of Business, and the Morris J. Wosk Centre for Dialogue.

# NEW DIRECTIONS

### TECHONE

Surrey campus is home to TechOne, an innovative program designed to ensure that the first year experience is indeed one to remember. TechOne ([www.sfu.ca/techone](http://www.sfu.ca/techone)) offers an interdisciplinary curricula nestled at the intersection of technology and design that will challenge the way students think about the world we live in.

### SCHOOL FOR INTERNATIONAL STUDIES

A Vancouver campus school within the Faculty of Arts and Social Sciences, and a giant step toward SFU goals of internationalizing curriculum and increasing global opportunities for students.

### DUAL DEGREE WITH CHINA’S ZHEJIANG UNIVERSITY

A unique five-year program with one of China’s premier institutions, offering students degrees in computing science from both universities.

### THE LATEST IN STUDENT RESOURCES

Personal consultations, online workshops and tutorials—students receive help with writing, research, library technology and learning strategies through the Student Learning Commons, while our

Online Learning Community ([www.sfu.ca/olc](http://www.sfu.ca/olc)) allows students to share their co-op ed, career planning, international exchanges, and volunteer experiences and insights.

### NEW HOME FOR THE SCHOOL FOR CONTEMPORARY ARTS

A state-of-the-art facility that includes three theatres, a world art studio, cinema, art gallery, and teaching spaces, with 125 single non-market apartments above the school on the old Woodward’s site in downtown Vancouver.

### NEW BEHAVIOURAL NEUROSCIENCE PROGRAM

A collaborative BSc program offered by our psychology and biomedical physiology and kinesiology departments—ideal preparation for further studies at medical or professional schools, or a wide range of careers.

### NEW FACULTIES

Even greater choice in 2009, as SFU welcomes two new faculties: the Faculty of Communication, Art and Technology, and the Faculty of Environment.



# READY FOR AN EDUCATION THAT MAKES A WORLD OF DIFFERENCE?

## APPLY ONLINE

[www.sfu.ca/prospectiveundergrads](http://www.sfu.ca/prospectiveundergrads)

## TOUR SFU

Come and experience SFU first hand. Take a student-led tour of our Burnaby or Surrey campuses, and you'll enjoy an inside perspective on our famous learning community. Tours are offered daily, and can be booked online at:

[students.sfu.ca/tour](http://students.sfu.ca/tour)

## SFU'S WORLD: A CAMPUS VISIT

Four special half-day campus visit events have been organized to give you a more in-depth experience of SFU's world. For details check our campus tour website above.

**FRIDAY, OCTOBER 24, 2008**

**SATURDAY, NOVEMBER 29, 2008**

**TUESDAY, FEBRUARY 3, 2009**

**TUESDAY, MARCH 18, 2009**

