From our vantage point, we see clearly that the landscape of our country and our world is changing.

In June I was privileged to participate in very moving convocation ceremonies in Iqaluit, Nunavut, during which we conferred University of Victoria law degrees on 11 remarkable young people who will likely play major roles in the evolution of Canada’s newest territory.

This unique Arctic law program is emblematic of what differentiates the University of Victoria: faculty members whose expertise and dedication are second to none; program design and engaging teaching that is responsive to the needs of students; the creation of a welcoming learning environment that embraces diversity; and the commitment to work closely with community partners to contribute to society.
From our vantage point, we see clearly that the landscape of our country and our world is changing, and we are dedicated to playing a positive role in this challenging environment.

The Iqaluit convocation was one of several highlights of a remarkable year that I am pleased to share with you in this annual review. Among other developments, we laid the foundations for advancing our understanding of the oceans and the relationships between health and society; made major strides in collaborative medical and Aboriginal education; and further consolidated our position as an engine of economic growth through knowledge transfer.

These achievements would not have been possible without the generous support of governments, foundations, corporations and individuals — including our students and their families — who provide our funding. For this, the university is deeply grateful.

I invite you to peruse this report and to share my pride in our university and the contributions of our students, faculty and staff. I welcome your further involvement with us in what promises to be yet another year of remarkable accomplishments at the University of Victoria.

David H. Turpin, PhD, FRSC
President and Vice-Chancellor
At UVic we take great pride in our reputation as a supportive and stimulating learning community. This year we have launched innovative programs to meet the needs of our students and the communities we serve; we have attracted many exceptionally talented faculty members; and, with the help of generous benefactors, we have enhanced support for our students so that they may reach their highest potential.

Bringing legal education to Canada’s Arctic
There were tears of joy in Iqaluit, capital of Nunavut, on June 21 as the inaugural 11 graduates of Canada’s first Arctic law school received their UVic law degrees. This unique program brought together Inuit elders and faculty members from UVic and other Canadian law schools to teach a program combining Western and Inuit law. The graduates are destined to become the future leaders of Nunavut. The program was created by the Faculty of Law in partnership with the Akitsiraq Law School Society and Nunavut Arctic College, with funding from Justice Canada, the Government of Nunavut, the Walter & Duncan Gordon Foundation and others.

“Success after enduring hardships” That’s the meaning of the Sencoten word LE,NONET (pronounced le-non-git), which is the name of a new national pilot program at UVic to improve the success of Aboriginal students in post-secondary education. Funded by the Canada Millennium Scholarship Foundation and UVic, the $4.5-million project will provide financial, academic and cultural support to Aboriginal students and generate knowledge to assist universities in serving the educational needs of the next generation of Aboriginal leaders.

The doctors are on their way
Physician education at UVic got off to a healthy start as the pioneering cohort of 24 students completed their first year of studies in the Island Medical Program. The IMP is part of a collaborative distributed learning strategy to increase medical school spaces and ease regional shortages of doctors in BC. After an initial term at the University of British Columbia, IMP students complete their program with classes at UVic and clinical training at hospitals and health centres across Vancouver Island. The program, which leads to the MD degree from UBC, draws on UVic’s established strengths in health-related education and research and is well supported by the Vancouver Island medical community.

And the nurse practitioners have arrived
Access to primary health care providers in BC got a bit easier this year as the first ten students graduated from UVic’s nurse practitioner master’s program. The advanced practice RNs are already diagnosing and treating common illnesses, ordering tests and prescribing medications across the province. BC’s nurse practitioner program owes much to the work of two UVic nursing researchers, Drs Marjorie MacDonald and Rita Schreiber, whose recommendations informed legislation adding nurse practitioners to the roster of BC health care providers.
The world is our classroom  Nationally recognized for helping students prepare for careers in an increasingly global world, UVic’s Co-operative Education Programs received this year’s Award for Excellence in Internationalization from the Scotiabank Group and the Association of Universities and Colleges of Canada. The largest co-operative education program in Western Canada, UVic Co-op placed nearly 2,700 students this year in paid work terms relevant to their course of study. More than 10 per cent were international placements in 28 countries around the world.

UVic continues to increase opportunities for experiential learning. The Centre for Asia-Pacific Initiatives has established a successful international placement program. Funded by Foreign Affairs Canada, it provides internships for recent graduates to work in organizations in the Asia-Pacific region. Recently interns have worked in positions involved in human rights, child labour, environmental awareness and HIV/AIDS in Thailand, Malaysia, Micronesia and the Cook Islands.

International exchange opportunities for fine arts students have increased with the establishment of a new faculty-wide exchange program with the Universidad Veracruzana in Mexico. Faculty, staff and students from both universities are engaged in exhibitions, master classes, concerts, and musical, theatrical and literary productions. UVic now has more than 100 active exchange programs with institutions in 30 countries.

Program growth and faculty renewal  In a highly competitive global environment for faculty recruitment, UVic has been very successful in engaging its top choices for faculty positions. New faculty are attracted by opportunities to collaborate with other outstanding researchers and teachers and by the innovative and collegial climate fostered at UVic. Over the past five years, UVic has hired 250 new faculty members — 59 this year alone. The university also has an enviable record of retaining talented faculty throughout their careers.

Meeting the growing need for future faculty members requires more graduate programs to train them. UVic now offers 57 master’s and 24 doctoral programs. In 2004/05 we introduced health information science and nurse practitioner master’s programs, master’s and doctoral programs in law and society, and a doctoral program in educational studies. Programs starting in September 2005 included a master’s in applied linguistics and doctoral programs in child and youth care and political science.

One factor that attracts both faculty and students to UVic is our reputation for excellence in teaching. To help faculty members take their teaching to a higher level, UVic’s Learning and Teaching Centre conducts a series of five-day workshops that focus on course redesign to promote critical thinking, increase student engagement, and encourage international perspectives. As of this year, more than 100 new and veteran faculty members have participated in this intensive educational experience.
UVic is entering a major capital expansion to help accommodate growth in student enrolment and research programs. New buildings will provide sorely needed classroom, research, library and office space. This growth is informed by our Campus Plan, which makes environmental sustainability a hallmark of UVic’s development. To be funded by the BC government, private donations and UVic sources, the projects include:

- an engineering/computer science building;
- a social sciences & mathematics building;
- a science building;
- the William C. Mearns Centre for Learning, a major expansion of the library, partially funded by a $5-million donation from the family of William Mearns, alumnus of Victoria College and long-time UVic supporter;
- a support services building; and
- the First Peoples House.

Bravo! Law students Jennifer Bond and Laurel Sherret were the sole Canadian presenters at the UN during a week of high-level discussions on women, peace and security issues in October, making policy recommendations based on their work with the International Women’s Rights Project at UVic’s Centre for Global Studies.

Phyllis Summerhayes, whose bequest of $3.6 million will provide bursaries and scholarships to engineering students;

Marion Alice Small, whose bequest of $560,000 will fund fellowships, scholarships, public lectures and library materials in Scottish studies; and

Victoria College alumnus Mark de Goutiere, whose gift of $500,000 will support graduate scholarships in the sciences.

Supporting our students Generations of students will be able to pursue their dreams supported by the generosity of donors this year who chose to fund student awards. We are grateful to the thousands of individuals and organizations whose support helps our students realize their potential, including:

- Dr. Ian MacPherson, (BC Institute for Co-operative Studies, History) was the first North American to receive the Rochdale Prize, presented for a lifetime’s work by the International Co-operative Alliance.

- Hugh Fraser (Music) was named Top Canadian Trombonist at the 2005 National Jazz Awards.

- Dr. Larry Yore (Curriculum & Instruction) received the 2005 Outstanding Science Teacher Educator of the Year Award from the Association of Science Teacher Education.

- Dr. Norman Ruff (Political Science) was awarded the 2005 Pierre de Celles Award from the Institute of Public Administration of Canada for exceptionally effective and creative teaching.

- Dr. Jan Zwicky (Philosophy) won the Dorothy Livesay Poetry Prize for Robinson’s Crossing.

- Maureen Maloney (Institute for Dispute Resolution) and Marilou McPhedran (Centre for Global Studies) were appointed members of the Canadian Human Rights Tribunal.

This page: David Clenman (Music, at left) and Dr. Martin Smith (Psychology), recipients of the Alumni Awards for Excellence in Teaching.

Facing page: Colleen Hamilton, UVic international business student, on exchange at the University of International Business and Economics in Beijing.
What does the future hold? The answer largely depends on the new knowledge being generated by our top researchers and the effective application of their discoveries. This year, UVic researchers helped make possible a future in which we all benefit from better understanding of earth and ocean environments, our cultural heritage and the social factors affecting our health and well-being.

**Fuelling the future**
Are hydrogen fuel cells the clean energy technology of tomorrow? The answer may well come from UVic’s Institute for Integrated Energy Systems and its director, Dr. Ned Djilali, Canada Research Chair in Energy System Design and Computational Modelling. Djilali and his colleagues work to optimize fuel cell design and create higher performance and lower-cost fuel cells that will some day provide clean energy to power our cars and appliances and heat and light our homes.

**Live and in-depth from the seafloor**
The oceans are key to critical processes that govern life on our big blue planet, and this year saw major advances in two UVic research initiatives that will revolutionize ocean science research by providing continuous, live data and images from the Pacific.

The university signed a $39-million contract with telecommunications company Alcatel Submarine Networks to design, manufacture and install the underwater infrastructure for NEPTUNE, Canada’s cabled ocean-floor observatory to be built off the outer BC coast. UVic leads the Canadian component of this international project to build the world’s largest cable-linked seafloor observatory, stretching from Oregon to Vancouver Island. This system will enable land-based scientists to access and control scientific sensors, remotely operated vehicles and cameras, contributing to our understanding of such topics as ocean climate change, earthquakes, underwater volcanic eruptions, fish migration and plankton blooms.

In late 2005, the UVic-led Victoria Experimental Network Under the Sea (VENUS) was making preparations to deploy instrumentation nodes in Saanich Inlet connected to shore via fibre optic cable. The $10-million seafloor observatory network will grow with further deployment of a 40-km array in the Strait of Georgia in 2006. VENUS will provide scientists and the Canadian public with Internet access to continuous real-time data, images and sounds from the seafloor.

**Taking the pulse of remote environments**
Geographer Olaf Niemann, director of UVic’s BC Centre for Applied Remote Sensing, Modelling and Simulation, is pioneering ways of monitoring ecosystem health from afar. Using extremely sensitive ground-based, airborne and satellite-based remote sensing instruments, Niemann obtains images which, when analyzed by computer, can reveal the location and health of coastal marine habitats, the risks of forest fire or the extent of pine beetle infestation. Such information can then inform more effective efforts at environmental management.
Culture comes out of storage  BC’s rich cultural heritage is more accessible than ever, thanks to the Cultural Property Community Research Collaborative, based for the past five years in the Department of History in Art. Funded by the Social Sciences and Humanities Research Council, the collaborative worked with 30 BC museums and heritage organizations, providing research, curatorial and networking support for 17 community-based projects. Topics ranged from Aboriginal children’s art to historic salmon can labels and from women artists of early Victoria to early Japanese Canadian photographers. As research assistants, more than 130 students had the rare opportunity to work with real collections of primary materials as part of a research team, and many have gone on to further their careers in related positions. Results included many traveling exhibitions, more than a dozen catalogues and books, extensive curriculum materials, CD-ROMs, websites and many well-attended lectures, conferences and other events — and more widespread appreciation of the contributions of diverse individuals and groups to the cultural history of BC.

Research results, delivered fresh  New knowledge generated by UVic’s well-established research programs in health and society will reach policymakers more effectively with the establishment this year of a unique Knowledge Mobilization Unit. Similar to a technology transfer office, the unit is the first in Canada to facilitate knowledge transfer in the social sciences and humanities. It will bring research results in the area of health and society to government policymakers and health and social service agencies. A partnership between UVic and York University, the project is funded by both universities, the Social Sciences and Humanities Research Council and the Canadian Institutes for Health Research. It will serve as a pilot for knowledge transfer for university research in the social sciences and humanities across Canada.
Solid information to combat addictions
Harm caused by substance use contributes to major health, social and economic problems in BC, including more than 7,000 deaths a year and over $2 billion in social costs. Through vigorous programs of research and knowledge exchange, the UVic-based Centre for Addictions Research BC (CARBC) is providing the scientific evidence upon which effective policy, prevention and treatment must be based. This year, the centre drafted a substance abuse prevention strategy for the BC Ministry of Health Services. Its ongoing analysis of the Canadian Addictions Survey, to which it contributed financially, will help guide policy development and service planning in BC into the future. One of the first initiatives of the centre’s new Vancouver Communication and Resource Unit was the Substance Information Link website (www.silink.ca), a rich community information source for those concerned with substance abuse. CARBC is a partnership led by UVic and includes UBC, UNBC, SFU and Thompson Rivers University.

A healthy dose of learning
Is a population’s health related to their level of education? What types of learning opportunities have the best payoff for well-being? These and other questions relating to health and learning throughout the lifespan will be addressed by a new national research centre based at UVic. Established by the Canadian Council on Learning, the Health and Learning Knowledge Centre includes health practitioners, community activists and education researchers from across Canada and draws upon UVic’s particular research strengths in the links between health and literacy, healthy communities, and knowledge and attitudes about health issues among youth.

Ethics and genetically modified food
UVic’s Centre for Studies in Religion and Society is playing a key role in ensuring that social and ethical considerations receive priority in Canadian research into new food and bio-materials. As a participant in Canada’s Advanced Food and Materials Network (AFMNet), the centre is responsible for encouraging researchers in the science network to give priority to the ethical, economic, environmental, legal and social issues associated with genomic research. AFMNet is a consortium of university, government and industry sectors for research and policy development pertaining to emergent food and bio-material technologies. Centre director Dr. Conrad Brunk (Philosophy, Centre for Studies in Religion and Society) is also leading an AFMNet study of moral, religious and cultural factors affecting the acceptance of genetically modified foods. For example, what is the attitude of those following a Jewish kosher or Muslim halal diet to foods containing transgenes from animals prohibited by these diets?
Where new businesses are born  UVic’s Innovation and Development Corporation (IDC), the technology transfer arm of the university, launched six new spin-off companies this year. They included Sensific Technologies, which develops innovative electrochemical sensors; Green Building Exchange, an Internet portal to support environmentally responsible building construction; and Inspired Devices, which commercializes devices developed for people with disabilities by the UVic Assistive Technology Team.

Another successful spin-off company assisted by IDC, GenoLogics Life Sciences Software Inc., attracted US$5 million in venture capital funding to expand its business. Founded by two UVic students, GenoLogics provides life sciences and pharmaceutical labs with software to manage, integrate and analyze the masses of data generated through systems biology research, thereby accelerating drug discovery. GenoLogics was named Emerging Company of the Year by the Vancouver Island Advanced Technology Association.

IDC also made significant progress in laying the foundation for regional expansion of its services, including provision of technology transfer assistance to other post-secondary educational institutions across Vancouver Island.

And where they grow  UVic now owns more technology transfer space than any other university in BC. In a move to help power continued growth of the region’s technology sector, UVic purchased the Vancouver Island Technology Park (VITP) this year. The greatest concentration of high-tech companies and workers on Vancouver Island, VITP is an ultra-modern research and technology transfer center in Saanich, renowned for its environmentally conscious and energy-efficient design. The 28 businesses at VITP employ 1,300 people and contribute $80 million annually to BC’s economy, making the tech park a gateway to the technology industry on Vancouver Island. These businesses include UVic spin-off companies and outside businesses that benefit from direct access to UVic’s research expertise. Many are based on UVic research and employ UVic graduates and co-op students, including the UVic-Genome BC Proteomics Centre, which provides leading-edge protein analytical services to Canadian and international, academic, industrial and government laboratories.

Bravo! Dr. Sibylle Artz (Child & Youth Care) received the 2004 McCreary Youth Foundation Award of Distinction for her sustained research efforts on youth and violence.

Dr. Kathy Gillis (Earth & Ocean Sciences) received the Keen Medal from the Geological Association of Canada for pioneering research into the geology and geochemistry of the seafloor.

Dr. Eric Manning (Computer Science) was named a Pioneer of Computing in Canada by the IBM Centre for Advanced Studies for his contributions to fault-tolerant computing and computer networking.
Dean of Education Dr. Budd Hall received the Innovation in International Education Award from the Canadian Bureau for International Education for his contribution to international education.

Law Prof. John McLaren received the Canadian Bar Association's Ramon John Hnatyshyn Award for 2005, one of the top honours in the legal profession.

Dr. Nigel Livingston, founding director of the UVic Assistive Technology Team, a group of volunteers who develop devices to improve the lives of those with special needs, received the inaugural Lieutenant-Governor's Technology Innovation Award from the BC Innovation Council, the Academic of the Year award from the Confederation of University Faculty Associations of BC, and the Community Involvement Award from the Vancouver Island Advanced Technology Association.

Theoretical cosmologist Dr. Julio Navarro (Physics & Astronomy) is one of the world’s most highly cited researchers, according to Thomson ESI, based on analysis of millions of scholarly scientific published articles.

UVic astronomer Dr. Arif Babul was awarded a Leverhulme Visiting Professorship to be held jointly at Oxford University and the University of Durham in order to enhance the research skills and work of the host institutions.

Dr. Catherine Mateer (Psychology) received the Roger Barker Distinguished Research Contribution Award in Rehabilitation Psychology from the American Psychological Association.
We are grateful for the support of individuals, corporations, foundations and governments that make all our accomplishments possible. We hold ourselves to the highest standards of stewardship of these resources and strive to provide as clear and thorough an accounting of our activities as possible. In addition to the information in this report, further elements of our accountability framework can be found by following the Accountability link on the UVic homepage (www.uvic.ca).

Contributing to BC’s economy UVic makes a major economic contribution to the region. The university generates $1.66 billion annually in economic activity, including such direct and indirect expenditures as salaries and benefits, student and visitor spending, taxes, spin-off companies, parents and licenses and the effects of an educated workforce. UVic directly and indirectly supports 11,000 jobs in BC.
Research funding soars  UVic researchers continue to attract increasing amounts of funding from external sources. Such funding has doubled over the past five years, now topping $60 million. Once again this year, Maclean’s magazine ranked UVic the top Canadian comprehensive university in medical and science research grants, and Research Infosource named UVic the top comprehensive research university in Western Canada.

More financial aid for students  Once again this year we were able to increase levels of financial support for students. Over the past five years, the value of undergraduate scholarships and bursaries has increased more than 150 per cent. The university is committed to ensuring that outstanding students from diverse regions and backgrounds are not prevented from attending UVic for financial reasons.

Investing in people, creating the future  Thanks to the generosity of our valued donors, investments in student support, educational programs and research initiatives grew by more than $12 million this year. This support helps create a future full of promise for our students and the wider community that we serve.

Bravo!  UVic finished third among 46 Canadian universities in the annual accountability survey by Wilfrid Laurier University School of Business and Economics, based on the depth, clarity and quality of publicly available information about the university.

- The Facilities Management department won the 2005 Effective and Innovative Practices Award of the international Association of Physical Plant Administrators for its water reuse initiative, which saves 2 million litres of potable water annually.
- The university received $84,000 worth of BC Hydro e.Points — the largest amount ever given to a post-secondary institution — for exceeding the minimum 5 per cent energy efficiency reduction campus wide.
- UVic’s lighting retrofit program saved 5.4 million kilowatt hours of electricity in 2004/05, enough to power 540 Vancouver Island homes for a year and to earn the university a 2005 Power Smart Excellence Award from BC Hydro and a Saanich Environmental Award.
- UVic’s 2005 campus campaign resulted in a record donation of more than $200,000 to the Greater Victoria United Way.
HONORARY DEGREES
CONFERRRED

November 2004

Raffi Cavoukian, children’s performer
Robert Giroux, advocate for research and higher education
Jack Hodgins, author and retired UVic writing professor

May 2005

In the Great Hall of the People, Beijing:
Albert Hung Chao-Hong, business executive and philanthropist
Annie Suk-Ching Wu, business executive and community benefactor

In Iqaluit, Nunavut:
Lucien Ukaliannuk, Akitsiraq law program elder-in-residence
Madame Justice Beverley Browne, senior justice in the Nunavut Court of Justice

June 2005

Dr. Tom Brzustowski, president of the Natural Sciences and Engineering Research Council
Roméo Dallaire, retired Canadian army general
Helen Hughes, Victoria city councillor

Ted Hughes, former BC conflict of interest commissioner
Edgar Kaiser Jr., mining executive and philanthropist
Gary Karr, classical bassist

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