



*challenge minds  
change worlds*

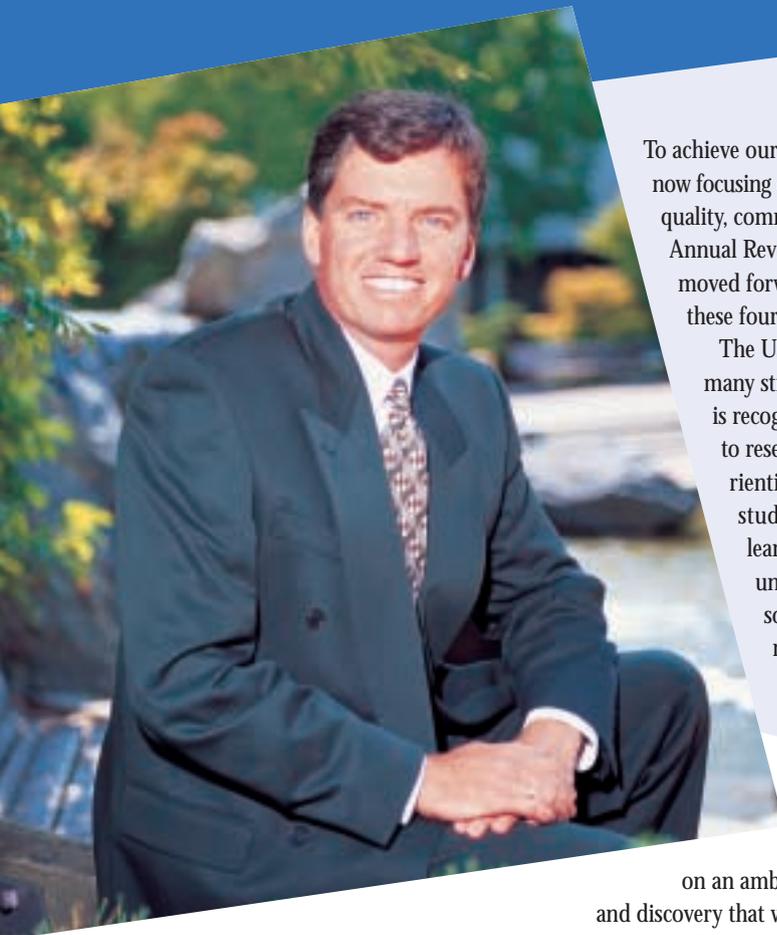
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University  
of Victoria

# P R E S I D E N T ' S M E S S A G E



## A WORD FROM THE PRESIDENT

*Reporting on our accomplishments at the University of Victoria in 2001-02 is a real source of pleasure and pride for me.*

In less than 40 years, UVic has become one of Canada's leading universities, and the past year has included many significant achievements.

In February 2002 we completed our new Strategic Plan, *A Vision for the Future*, ([www.uvic.ca/univsec/strategicplan.html](http://www.uvic.ca/univsec/strategicplan.html)). UVic now has a blueprint to help us capitalize on our success and realize our full potential as a university of choice for outstanding students, faculty and staff from British Columbia, Canada, and the world.

To achieve our vision and mission, we are now focusing on four key areas: people, quality, community and resources. This Annual Review indicates ways we have moved forward over the past year in these four key areas.

The University of Victoria has many strengths to build upon. UVic is recognized for its commitment to research, scholarship and experiential learning, and we offer students and faculty a unique learning environment. The university provides outstanding social, cultural, artistic, environmental and athletic opportunities, and our richly diverse campus community plays an important role in Greater Victoria and beyond.

We have embarked on an ambitious journey of challenge and discovery that will continue to benefit the citizens of British Columbia and Canada for generations to come. I now invite you to share in the accomplishments of a most exciting year.

*David H. Turpin, PhD, FRSC  
President and Vice-Chancellor*

## FOUR TO GROW ON New On-Campus Housing

To enable the very best students from diverse places and backgrounds to attend UVic, we must ensure that housing is not a barrier to admission. To meet our goal of offering on-campus residence to all first-year students by 2004, UVic has launched a development plan that will increase residential capacity by 600 beds over the next two years.

## New Building for Island Medical Program

When the first class of medical students arrives at UVic in January 2005 to pursue their degree, they will benefit from a new, \$12-million medical building. This facility will support the innovative Island Medical Program, which addresses B.C.'s physician shortage by training medical students closer to the communities where the needs and practice opportunities exist.

## New Opportunities in Computer Science and Engineering

As our economy shifts toward technology-driven industries, there is a growing shortage of trained personnel in specific fields. In 2002-03, UVic will accept more than 140 additional computer science and electrical and computer engineering students as part of a provincial program to double the annual number of graduates in these fields within five years.

## New Continuing Studies Building

UVic's Division of Continuing Studies served more than 15,000 people this year with programs in professional development and personal growth, and that number is about to grow. In 2002, ground will be broken for a new building that will enable Continuing Studies to consolidate facilities and provide more courses and programs to meet the education needs of community members.

# P E O P L E



*People are what make our university. UVic's goal is to recruit and retain outstanding people and provide the conditions for them to achieve their best. In 2001-02, UVic faculty, staff and students did just that, as exemplified by the stories below.*

## FACULTY ACHIEVEMENTS

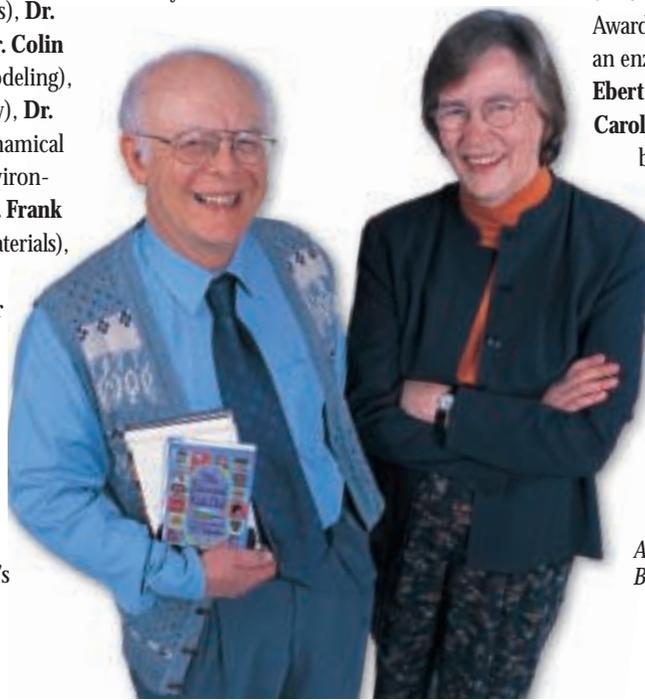
Canada Research Chairs are among the most prestigious awards in Canada. These appointments are helping Canadian universities attract and retain some of the world's top researchers, and UVic is proud that nine Chairs were awarded to faculty members in 2001 and 2002. They are: **Dr. Taiaiake Alfred** (indigenous peoples), **Dr. Vijay Bhargava** (wireless networks), **Dr. Colin Bradley** (design and computational modeling), **Dr. Neena Chappell** (social gerontology), **Dr. Ian Putnam** (operator algebras and dynamical systems), **Dr. Cornelis van Kooten** (environmental studies and climate change), **Dr. Frank van Veggel** (supramolecular photonic materials), **Dr. Andrew Weaver** (climate modeling and analysis), and **Prof. Jeremy Webber** (law and society). UVic is expected to receive 26 more Canada Research Chairs, an allocation that reflects the university's success in national research grant competitions.

Three UVic faculty members are newly elected Fellows of the Royal Society of Canada—considered Canada's most prestigious academic accolade.

*Student health researchers Kelli Stajduhar, Tessa Campbell and Michael Wilson*

**Dr. Michael Asch** (Anthropology) was honoured for his work in relations between aboriginal and non-aboriginal Canadians; **Dr. Bill Valgardson** (Writing) was recognized for his celebrated works of fiction; and **Dr. Thomas Pedersen** (recently recruited chair of Earth and Ocean Sciences) was selected for his research on oceans and climate change. They join 34 other current and former UVic faculty members elected to the Royal Society.

UVic's **Prof. Jamie Cassels** (Law) was one of only 10 Canadians in 2002 to win 3M



Teaching Fellowships, one of Canada's premier teaching awards. **Dr. Vijay Bhargava** (Electrical and Computer Engineering) was the recipient of the 2002 Graduate Teaching Award of the Institute of Electrical and Electronic Engineers.

The Confederation of University Faculty Associations of B.C. bestowed top honours on two UVic faculty members in 2002. They awarded physiologist **Dr. Nancy Sherwood** (Biology) the Career Achievement Award and named **Dr. Nancy Turner** (Environmental Studies) Academic of the Year for her leadership in the field of traditional plant use by First Nations. This year, Turner also received the Canadian Botanical Association's Lawson Medal, Canada's top award for contributions to botany.

## STUDENT RECOGNITION

Rhodes scholars are among the most promising students in the world, and this year UVic graduate **David Claus** (Mechanical Engineering) was awarded B.C.'s only Rhodes Scholarship and one of only 11 in Canada. Claus plans on putting an MSc in robotics and sensors from Oxford University to work solving engineering problems in the developing world.

Eight UVic students conducting innovative postgraduate health research received Michael Smith Foundation for Health Research Trainee Awards in 2001-02. **Tessa Campbell** is researching an enzyme that helps break down fat. **Patricia Ebert** studies memory function in the elderly. **Carolyn Green** is examining regional health boards' use of medical information. **Wendy**

**Hoglund** investigates anti-bullying programs among First Nations children.

**Josephine MacIntosh** is evaluating the use of drama in preventing high-risk sex and HIV. Postdoctoral student

**Kelli Stajduhar** researches end-of-life issues. **Mary Wagner** is studying a tumour-suppressor protein; and

**Michael Wilson** is researching genes to illuminate the causes of leukemia.

*Award-winning faculty members  
Bill Valgardson and Nancy Sherwood*

# Q U A L I T Y

*Quality is the measure of UVic's success as a leading university. The University of Victoria is consistently ranked among the best comprehensive universities in Canada. UVic also ranks first in medical/science grants and second in social sciences and humanities grants per faculty member.*

## STUDENT SATISFACTION

UVic serves a diverse population of more than 18,000 students, providing quality academic programs and outstanding social, cultural, and recreational opportunities. This is reflected in the high levels of satisfaction expressed by UVic graduates. In a recent survey, 95 per cent of UVic grads were very satisfied or satisfied with their post-secondary education. Two years after graduation, 88 per cent were in the labour force and 10 per cent were pursuing further education. In 2002, UVic law graduates ranked their law school number one in Canada in the annual *Canadian Lawyer* magazine survey, an honour UVic has held for six of the past seven years.

## A LEADER IN CO-OP EDUCATION

UVic offers the third-largest university-based co-operative education program in Canada, integrating academic studies with relevant paid work experience in 40 academic areas. Nearly 30 per cent of UVic undergrads participated in co-op education in 2001-02, serving 2,800 work-term placements across Canada and in 34 other countries.

UVic is also pioneering the development of communication tools to assist experiential learning programs across the province. UVic co-op is developing a unique Internet portal to help co-op students from across B.C., their employers and the institutions that train them keep in touch and informed.

## INTERNATIONAL PERSPECTIVE

In our globalized society, a quality education must include a broad worldview. In 2001-02, UVic's 102 exchange programs with partners in 25 countries provided outstanding opportunities for students to gain a portion of their education in other countries.

UVic scholars are involved in a broad range of international initiatives from assisting in the development of Vietnam's legal system to creating the Early Childhood Development Virtual University in Africa. This past year, the Canadian International Development Agency (CIDA) provided major funding for a partnership with Thailand's Burapha University to improve Thai aquaculture management led by **Dr. Mark Flaherty** (Geography), and a basic education program for at-risk children in Argentina led by **Dr. Thomas Fleming** (Curriculum and Instruction). **Dr. Jack Littlepage** (Biology) also won a CIDA Award of Excellence for a shellfish culture technology transfer project that has helped establish a mariculture industry in impoverished Brazilian coastal communities.

## PROGRAM INNOVATION

UVic's academic and research programs constantly evolve in response to changing issues, needs and fields of study.

In 2001, the first students began classes in the Akitsiraq Law Program, established by UVic, the Akitsiraq Law School Society, and Nunavut Arctic College to meet the growing need for Inuit lawyers. Delivered by UVic law faculty and others, it enables Inuit students to earn a UVic bachelor of laws degree in Iqaluit.



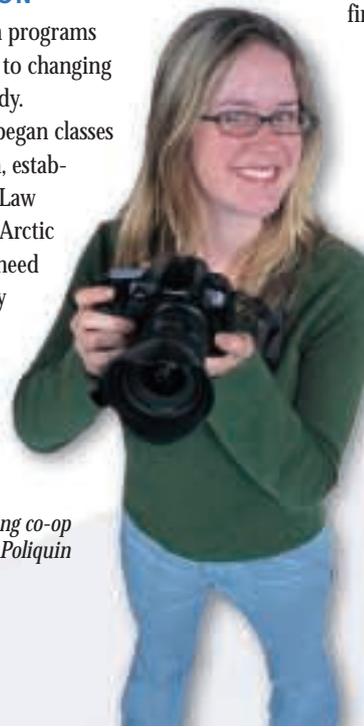
*MBA students Michelle Jeske, Laurie Samuels and Melanie Albas on an international management exercise in Seoul*

For 20 years, UVic has been at the forefront of health informatics, offering the only degree program in Canada. In 2002, UVic was named the lead institution in a new national PhD and post-doctoral program in health care information technology.

In addition, in 2002 UVic established Canada's first university-based interdisciplinary research centre focusing on the well-being of youth. The Centre for Youth and Society works with a wide range of community partners conducting research and providing valuable training opportunities for UVic graduate students.

## A WINNING ATHLETIC TRADITION

This year, UVic athletics continued its tradition of producing some of Canada's finest competitors. Fourteen UVic athletes and coaches represented Canada at the XVII Commonwealth Games, and UVic rowers brought home gold in the lightweight women's double sculls and men's lightweight pairs at the 2002 World Rowing Championships. UVic Vikes have won 41 Canadian Interuniversity Sport (CIS) championships and 11 other national championships.



*Arts and Writing co-op student Joy Poliquin*

# Q U A L I T Y

## MEDICAL EDUCATION AND RESEARCH

UVic is the second-largest health educator in B.C., with world-class researchers in a wide range of health-related areas. Building on this strength, the university will play a key role in the Island Medical Program, part of a new provincial initiative announced in 2001 to address B.C.'s physician shortage by expanding medical education beyond the Lower Mainland. In January 2005, the first 24 medical students in the program will begin training at UVic towards a degree from the UBC faculty of medicine.

Under an October 2001 agreement, UVic and the B.C. Cancer Agency are expanding their collaboration in cancer research and education. The Cancer Agency's Vancouver Island Centre and UVic researchers are already involved in several joint projects, including developing an ultra-compact gamma camera for detection of sentinel lymph nodes, investigating mega-dose vitamins and minerals in the treatment of breast cancer, and evaluating robotic biopsy of breast masses.

## AN OCEANS UNIVERSITY

With major involvement in two large-scale ocean research initiatives, UVic is a leader in oceans research. UVic is the lead Canadian institution in NEPTUNE, a \$300-million U.S.-Canada initiative to establish a massive seafloor scientific observatory based on sub-sea cameras, remote control vessels, and scientific instruments, linked by fibre-optic cable. Stretching from California to Vancouver Island, it will provide researchers with valuable real-time data to study earthquake hazards, off-shore gas hydrate resources, the effects of ocean and climate change on marine life, and the biodiversity of

the deep ocean. VENUS, a related \$10-million UVic project, will establish a similar sub-sea electronic observation network in waters off southern Vancouver Island.

## UNDERSTANDING CANADIAN SOCIETY

UVic humanists and social scientists are involved in a number of major interdisciplinary projects of national significance. One such initiative is the Canada Century Research Infrastructure (CCRI) project. **Drs. Peter Baskerville and Eric Sager** (History) are key participants in CCRI, a national scholarly effort providing sophisticated tools to help researchers expand our understanding of Canada's development throughout the twentieth century. The project involves scholars at seven Canadian universities as well as IBM and Statistics Canada. It will create public use databases of the 1911, 1921, 1931, 1941 and 1951 national censuses. Over the course of five years, participants will create 1.8 million case records from these censuses in computer-readable format.

These sets of data will be of vital use to researchers from many disciplines investigating the nature and evolution of Canadian society. Under the supervision of Baskerville and Sager, UVic will be responsible for all samples west of Ontario.

CCRI was awarded \$5.2 million over five years from the Canada Foundation for Innovation, some \$2 million of which will come to the University of Victoria. It builds on the remarkable success of the recently completed Canadian Families Project, a five-year, interdisciplinary research initiative funded by the Social Sciences and Humanities Research Council. Based at UVic, it involved 13 researchers at five Canadian universities. Drawing from an exhaustive analysis of the 1901 census, the project

explored the nature of Canadian families and produced findings that have proven valuable to researchers and policymakers alike.

## INVESTMENTS IN QUALITY

The six-year tuition freeze was lifted this year, but tuition for UVic students in 2002-03 remains significantly below the national average. Students will be the primary beneficiaries of enhanced funding for the 2002-03 academic year. A \$2.5-million increase in student financial aid will make financial assistance available to 45 per cent more students than last year. Funds are also earmarked for enhancing student services, sustaining the work-study program and graduate assistantships, purchasing library materials, and hiring additional staff in priority areas of need.

NEPTUNE Canada  
Scientific Director  
Chris Barnes



# C O M M U N I T Y

*The University of Victoria is committed to the social, cultural and economic development of our region and our nation. As an integral part of Greater Victoria, UVic serves the community as a world-class educational and research resource and, in turn, is enriched by a wide variety of community partnerships with individuals and organizations in the private and public sectors.*

## **A VIBRANT CULTURAL RESOURCE**

Theatre, music, art exhibitions, conferences, public lectures, cinema, sports—life on the UVic campus includes an exciting spectrum of public events to stir the heart and stimulate the mind. And UVic's outstanding cultural resources are for sharing. Every year, plays, concerts, films, athletics and other campus events attract nearly 600,000 people.

Dozens of free public lectures each year bring some of the world's most original thinkers to UVic to share their knowledge. And our popular UVic Speakers Bureau brings volunteer faculty, staff and graduate student speakers to schools and community organizations, filling more than 400 speaking engagements annually for a combined audience of 12,500.

## **A KEY PART OF THE VICTORIA ECONOMY**

While the university's primary goal is to provide quality education and support leading-edge research, UVic also generates economic benefits for the community. An analysis of UVic's impact on the local economy in 1997-98 revealed that the university generates an estimated \$299 million each year in economic activity in the Capital Regional District, and UVic's contribution is even greater today. One of the largest employers in the region, UVic supports 11,000 direct and indirect jobs, and for every dollar of public money that goes toward students at UVic, taxpayers get back \$1.70—an excellent return on investment.

*Michael Norris, technician at Microtek, a UVic spin-off company working in aquatic health and diagnostics*

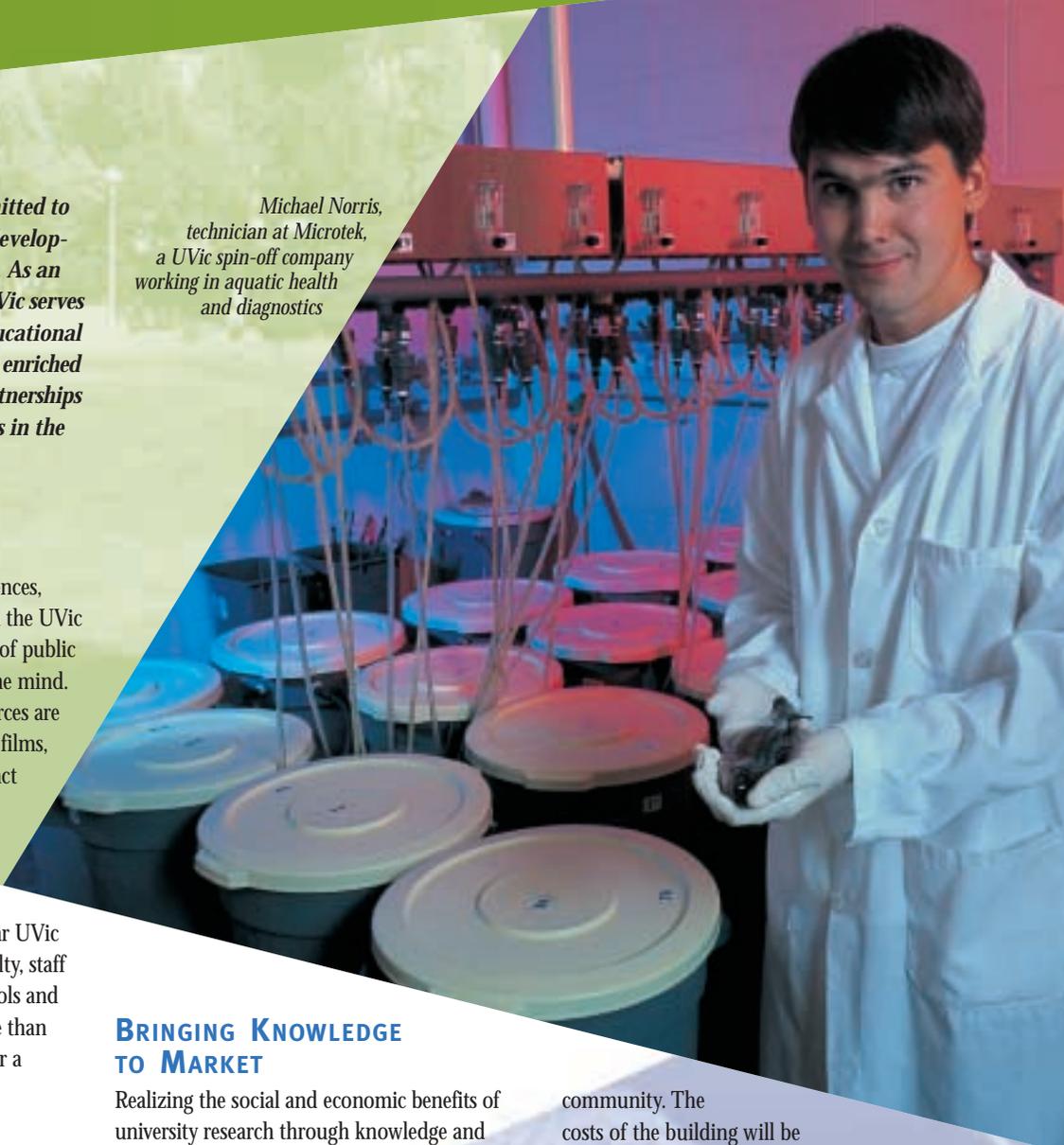
## **BRINGING KNOWLEDGE TO MARKET**

Realizing the social and economic benefits of university research through knowledge and technology transfer is a major goal of UVic. The UVic Innovation and Development Corporation (IDC), the university's technology transfer office, has helped incorporate 20 UVic companies based on the results of UVic research. These include local businesses producing diagnostic kits for aquaculture, secure electronic forms, environmentally safe herbicides, emissions monitoring equipment, and technology to design and deliver human vaccines.

These activities will be expanded with the opening of the new Discovery Parks Inc. (DPI) building on campus in 2003, which will be a home for companies seeking to benefit from close linkages with UVic's thriving research

community. The costs of the building will be borne by DPI. Benefits to UVic and the community will include additional opportunities for students, faculty members and graduates, as well as leasing revenue for the university. By focusing research expertise, energy and enterprise in one on-campus facility, the UVic-DPI partnership will provide the climate and resources needed to help the province's high-tech sector reach its full potential.

*(background photo) Phoenix Theatre's 2002 production of Henrik Ibsen's Peer Gynt*



# R E S O U R C E S

*In order to achieve our goals in the areas of people, quality and community, UVic is looking to increase both financial and physical resources. Because resources are key to our development as a university, we place a high value and priority on our relationships with funding partners. Government is the largest of these, followed by students (through tuition) and our supporters in the broader community—both organizations and individuals. The past year saw significant success in UVic's efforts to attract resources that will help us to build on our record of quality in education, research and community service.*

## MAJOR GIFTS

Increasingly, private and corporate giving provide critical resources to support the university's mission, and we are deeply grateful for this assistance. This year the university has received several outstanding major gifts, including the largest in UVic's history: the \$17-million estate of Victoria entrepreneur **Michael Williams**. The bequest includes significant Victoria real estate holdings, antiques, and contemporary and aboriginal art. The university is considering how to use this gift most wisely to further its mission.

Another generous private gift, from the estate of **Wally and Florence Wilkinson**, is providing more than \$1.6 million for student awards. The couple made their bequest to give students the educational opportunities they never had.

A \$1-million grant in 2001 from the **Law Foundation of B.C.** is putting UVic at the cutting edge of one of Canada's most challenging legal frontiers—relations between Canada's aboriginal and non-aboriginal populations.

The endowment has funded a unique professorship in aboriginal justice to which Professor **John Borrows**, one of Canada's leading aboriginal law scholars, has been appointed. The remainder will generate \$40,000 in new bursaries each year.

## RESEARCH FUNDING

The University of Victoria attracted more than \$33 million in outside research grant and contract funding in 2001-02. UVic researchers were awarded more than \$18 million in this year's national competitions for funding from the three federal granting councils and the Canada Foundation for Innovation, attesting to the exceptional quality of their work. The success rate for UVic applications in the Natural Sciences and Engineering Research Council research grants competition was an outstanding 91.5 per cent.

This year, UVic opened its newest research facility, the **Bev Glover Greenhouse**—funded by \$1.3 million from the Canada Foundation for Innovation, the B.C. Knowledge Development Fund, UVic and the private sector. This facility will play a major role in research in forest biology. Its six computerized, climate-controlled greenhouses can reproduce the conditions of both the existing natural environment and those likely to occur as a result of climate change.

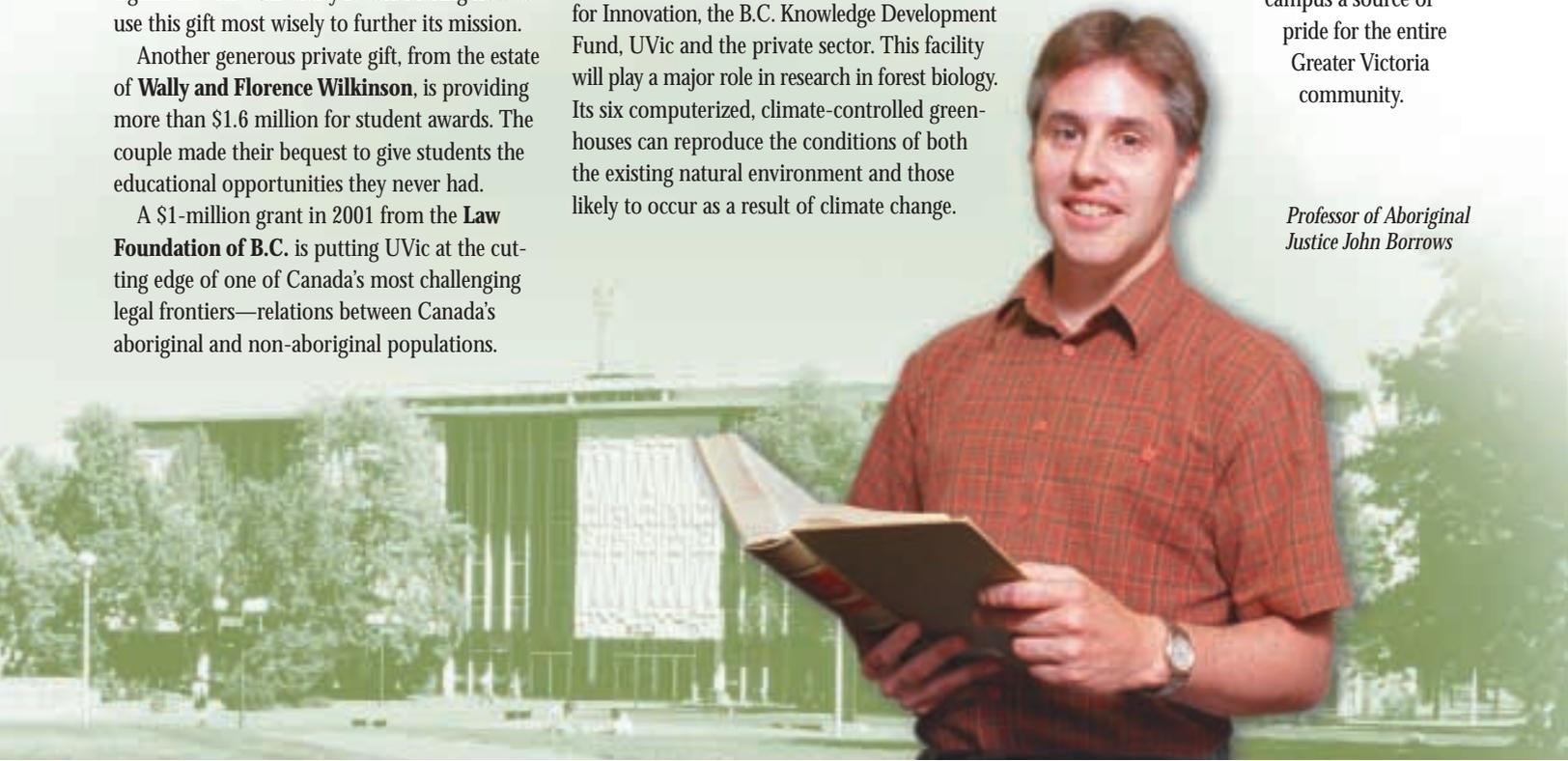


*Forest biologist Barbara Hawkins in the new Bev Glover Greenhouse*

## CAMPUS PLAN SETS RESOURCE GOALS

UVic's spectacular campus is an important resource for the university and the surrounding community. In the spring of 2002, the university initiated extensive public consultations to gather feedback on our draft Campus Plan, a blueprint for managing growth to meet future educational demands. The resulting Campus Plan will help the university meet those needs while preserving the special environmental and humanistic qualities that make the campus a source of pride for the entire Greater Victoria community.

*Professor of Aboriginal Justice John Borrows*



# A C C O U N T A B I L I T Y

*The publication of this Annual Review is only one of many ways in which the university provides a public accounting of its accomplishments and progress in fulfilling its mission. It only begins to convey the remarkable achievements of the past year and the progress the university has made in serving our students and the society of which we are an integral part. The University of Victoria is proud and grateful to benefit from significant support in the form of public funding, and we hold ourselves to the highest standards of stewardship of these resources.*

UVic's audited financial statements are publicly available. Our faculty are evaluated annually, through students' teaching evaluations as well as by their department chair and dean. Departments are subject to vigorous external review every five to seven years, ensuring programs of the highest quality. Other elements of our accountability framework are documented on the UVic Web site at the following locations:

- University of Victoria home page: [www.uvic.ca](http://www.uvic.ca)
- A Vision for the Future (Strategic Plan): [web.uvic.ca/univsec/strategicplan.html](http://web.uvic.ca/univsec/strategicplan.html)
- University of Victoria Performance Measures: [web.uvic.ca/univsec/perfreport.htm](http://web.uvic.ca/univsec/perfreport.htm)
- Financial Statements: [www2.acct.uvic.ca/main/Statements.shtm](http://www2.acct.uvic.ca/main/Statements.shtm)
- UVic Institutional Analysis and Planning Index of Reports: [www.inst.uvic.ca/repindex.html](http://www.inst.uvic.ca/repindex.html)
- UVic Publications: [communications.uvic.ca/publications/](http://communications.uvic.ca/publications/)
- UVic Student Outcomes Survey: [www.inst.uvic.ca/surveys.html](http://www.inst.uvic.ca/surveys.html)
- UVic's Economic Impact on the Local Economy: [www.inst.uvic.ca/other.html](http://www.inst.uvic.ca/other.html)
- Research Reports: [www.uvic.ca/research/report2002/index.html](http://www.uvic.ca/research/report2002/index.html)

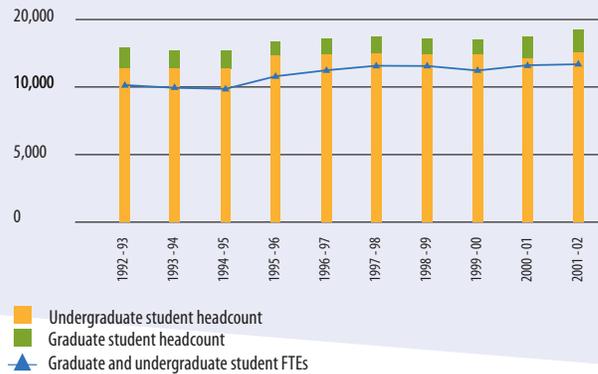


**University of Victoria**

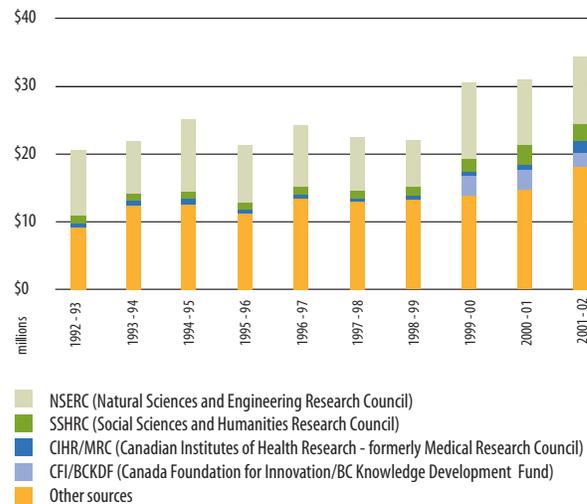
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## UVIC SERVES A GROWING NUMBER OF STUDENTS

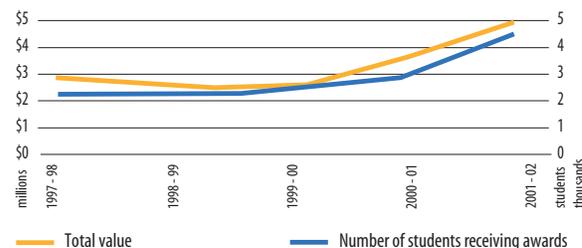
UVic enrolment 1992-93—2001-02  
full-time equivalent students (FTE) and headcount



## UVIC RESEARCHERS ATTRACT INCREASED FUNDING [in millions of dollars]



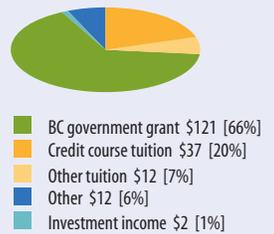
## UVIC INCREASES STUDENT FINANCIAL ASSISTANCE



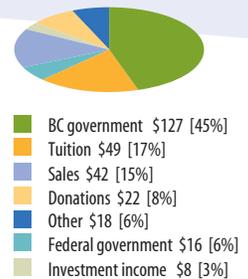
\*It is not unusual for the university to report revenues in excess of expenditures, as was the experience in 2001-02. Funding allocated to specific projects was received late in the fiscal year before the projects could be planned and completed.

## 2001-02 REVENUES [in millions] \*

General operating fund  
\$184 million

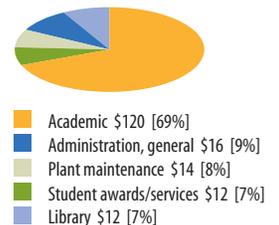


All university funds  
\$282 million



## 2001-02 EXPENSES [in millions] \*

General operating expenses  
\$174 million



Expenses by fund  
\$258 million

