New paths to the future
Annual Report 2011-12
Welcome to a year in which Brock University’s students, faculty and staff cross a line into an age of unprecedented possibility.

In 2012, we commission the Cairns Family Health and Bioscience Research Complex, a stunning research jewel that will open doors to previously unknown frontiers of learning, innovation and knowledge.

Described as “an intricate machine in the skin of an elegant building,” its state-of-the-art facilities support research, advanced teaching and the incubation of startup enterprises. Its 176,000 square feet of strategically designed cross-disciplinary space spills across five storeys of architectural inspiration, to be cherished by generations of people who teach and learn there.

But the Cairns Complex represents more than the arrival of shiny new space and advanced facilities for one of Ontario’s most dynamic universities. If anything, it is a 21st-century icon that reinforces the long-held tenets and commitment of the Brock community.

Conceived in a culture of pride, ambition, and achievement, the Cairns Complex is just the latest manifestation of an attitude that has come to distinguish the University and its surrounding community since Brock was created in the heart of Niagara nearly 50 years ago.

Regardless of where our students or faculty ply their passions and achieve their goals — in Cairns or any of our valued facilities; at campuses in St. Catharines or Hamilton — it is the people who are our edge, our catalysts into a better future.

For Brock is a University whose people recognize and nurture both sides of the brain, a place where we become better versions of ourselves.

Just ask our faculty. Or our 18,000 current students. Or our 75,000 alumni who have gone on to advance communities across Canada and around the world. They are the substance of Brock’s reputation as a place that develops well-rounded human beings.

At Brock, pursuing intellectual excellence is only the beginning. We are also committed to being a partner who drives the economic, social and cultural development of the concentric circle of communities around us.

At Brock, we understand why that matters, and why we all benefit when citizens grasp the importance of success for society as well as for individuals.

These principles set the inner compass at our University. They also increase the value of a Brock degree — as demonstrated by the ever-growing demand for admission.

Brock students are taught by some of the most qualified faculty in Canada, and by the highest number of Canada Research Chairs in our history.

When students come to Brock, they join a family that knows where it is going. Bolstered by the sturdy foundations of our past, we do not hesitate to boldly embrace change as we proactively move forward to meet challenges that Canada will face and overcome.

See for yourself why the Brock experience is special.

Please visit us a brocku.ca

Sincerely,

Jack Lightstone
President and Vice-Chancellor
Cairns Complex:
For research possibilities, the sky’s the limit.
Worth noting in 2011–12

May 15, 2011 — Confucius Institute opens on campus
The Confucius Institute at Brock University officially opened in mid-May. One of about 300 such institutes worldwide, its key focus at Brock is to provide formal certification of Mandarin language teachers in Niagara and communities throughout southern Ontario. The University has been offering Mandarin language credit courses since 1989.

June 7, 2011 — Brock taps internal expertise for new Dean of Graduate Studies
Michael Plyley was announced as the new Dean of the Faculty of Graduate Studies. A researcher and administrator who had already spent a decade helping expand graduate activity at the University, Plyley came to Brock in 2001 from the University of Toronto — recruited to help develop research and graduate studies.

June 15, 2011 — Brock appoints new Dean of Mathematics and Science
Brock went to the University of Windsor to get its new Dean of the Faculty of Mathematics and Science. Syed Ejaz Ahmed was a professor and head of the Department of Mathematics and Statistics at the University of Windsor. Ahmed took up his new position at Brock on Jan. 1, 2012.

July 12, 2011 — Brock leads major climate change study on grape and wine industry
With vineyards being damaged by our increasingly erratic weather, the Ontario government provided $2.86 million so scientists can determine how climate change is impacting Ontario’s grape and wine industry. Brock Professor Gary Pickering will lead a team of 19 researchers from Brock as well as the University of Guelph, Niagara College, Environment Canada and the Vineland Research and Innovation Centre.

Ontario’s grape and wine industry contributes close to $1 billion annually to the province’s economy.

Aug 1, 2011 — McCartney arrives as new Dean of Applied Health Sciences
Noted researcher Neil McCartney began his appointment as Dean of the Faculty of Applied Health Sciences. McCartney — who has an international reputation for his work on human aging, cardiac rehabilitation and spinal cord injury — had been a professor and former Chair of Kinesiology at McMaster University.

Aug. 18, 2011 — Prof wins coveted national plant science award
Brock researcher Charles Després was recognized for his work in plant biology with the 2011 CD Nelson Award from the Canadian Society of Plant Physiologists. Després, who examines molecular aspects of disease resistance in plants, is an associate professor of Biological Sciences. The award recognizes the best emerging Canadian researchers in plant biology.

Sept. 1, 2011 — University attracts record numbers
Brock welcomed a record number of students last fall, with total enrolment that would surpass 18,000 for the first time in Brock’s history. Enrolment included nearly 4,000 first-year students, also a record. The data also revealed that an increasing percentage of confirmed first-year admits listed Brock as their first-choice preferred university, and the average entering grades for first-year students also rose again this year.

Oct. 31, 2011 — Chamber targets Lightstone for leadership award
The St. Catharines-Thorold Chamber of Commerce presented Brock President Jack Lightstone with its 2011 Community Leadership Award in recognition of the University’s efforts to advance the Niagara community. In presenting the award, Phil Ritchie of Keefer Developments said the University under Lightstone’s leadership is benefiting the community through such major efforts as the future home of the Marilyn I. Walker School of Fine and Performing Arts in downtown St. Catharines, as well as the Cairns Family Health and Bioscience Research Complex, whose business incubator will be “a place where ideas can be turned into profitable businesses that will benefit our children and grandchildren.”
Nov. 11, 2011 — Brock grad strikes world winemaking gold – again

Alumnus Derek Kontkanen brought home the trophy for the best dessert wine from the International Wine and Spirits Competition in London, England. This was the second consecutive year Kontkanen’s Icewine won the award at the U.K. competition which is regarded by many as the industry’s most prestigious. Kontkanen, winemaker at Jackson-Triggs Okanagan Estate in British Columbia, attended Brock as an oenology and viticulture undergrad in 1997-2002, then finished his master’s through the Cool Climate Oenology and Viticulture Institute in 2005.

Nov. 21, 2011 — Heartening grades from our students

A respected quality indicator for North American universities showed that Brock students place increasing value on their university the longer they study here. The National Survey of Student Engagement polls thousands of undergrad students at participating institutions. Its latest results showed seniors at Brock scored the University higher than Ontario and Canadian averages on such benchmarks as academic challenge; active and collaborative learning; student-faculty intervention; and supportive campus environment. “The survey is a valuable indicator for us to use to improve the learning experience for our students,” said Murray Knuttila, provost and Vice-President, Academic. “That student scores improve dramatically by the time they become seniors tells us we are doing something right.”

Nov. 23, 2011 — Big growth rate jump in research funding

New data showed Brock’s research income jumped by more than 21 per cent last year, the highest growth rate in research funding among all Ontario universities in 2010, and among the top five growth rates in Canada. In its annual report on top research universities, Research Infosource Inc. found that Brock researchers received $15.65 million from all sources in 2010, compared to $12.9 million a year earlier.

Nov. 24, 2011 — Brock researcher helps guide NASA’s newest Mars mission

NASA is going back to Mars looking for signs of life, and Brock scientist Mariek Schmidt is helping direct the search. NASA’s Mars Science Laboratory mission launched from Florida on Nov. 26. When it reaches Mars in summer 2012, Schmidt — a volcanologist — will be at NASA’s Jet Propulsion Laboratory in Pasadena, Calif., part of an international team who will guide the rover vehicle and oversee its observations and activities. After she returns to Brock, Schmidt will spend at least three years helping investigate and analyze the information sent back from Mars.

Jan. 18, 2012 — Don Cyr becomes new Interim Dean of Business

Don Cyr, a familiar face on both the academic and administrative sides of the Faculty of Business, was named as the Faculty’s Interim Dean for the next 18 months.

March 12, 2012 — City and University formalize pact for downtown arts complex

St. Catharines Mayor Brian McMullan and Brock President Jack Lightstone signed a document formally clearing the way for a fine and performing arts complex to be built in downtown St. Catharines. The City will build a $60.8-million civic Performing Arts Centre at the corner of St. Paul and Carlisle streets, adjacent to the site where Brock will spend $39.6-million to renovate and expand an empty textile mill to house Brock’s Marilyn I. Walker School of Fine and Performing Arts. Completion is scheduled for 2014.

April 30, 2012 — Hudlický’s research passes a major milestone in licensing impact

Tomáš Hudlický, the Brock chemistry professor and Canada Research Chair in biocatalysis, has passed the $1-million mark in revenues generated through licensing agreements for processes developed in his labs. While working over the past six years with the U.S. pharmaceutical company Noramco, the Hudlický research group has come up with new ways to manufacture medicinal agents for pain control and alcohol and drug addiction. In addition to the licence agreements for scientific developments, this successful relationship has provided Brock with around $850,000 in research funding.
Brock in the news

Brock offers peek at exciting future

Kelly Lockwood

Jack Lightstone

The Globe and Mail

The triumph of the tongue-twister label

Unfamiliar or exotic wineries name imply scarcity, which consumers translate into quality, Brock University study finds
Four years after passing the original legislation, the federal government announced on Dec. 16 new regulations that will force airline advertisements to state the true full price of tickets. Under the new rules, the advertised price must include all fees and surcharges — no more hidden costs in the fine print.

But what Ottawa did not announce is when the rules will take effect. This pursuit of airfare clarity comes too late to help travellers in the current holiday season, but that's no reason to postpone implementation until another year has come and gone.

To illustrate what this means to consumers, Air Canada's website recently listed a Toronto-Ottawa flight for $74, but then added $59.48 in "taxes, fees, charges and surcharges." You really have to hunt around to find out what that includes. Apparently $15.36 was sales tax, then there's a $3 insurance surcharge, a $7.12 air traveller security charge, a $7 NAV Canada fee, and a $25 airport improvement fee.

So the real price before sales tax was $118.12 — nearly 60 per cent more than the original advertised price.

Porter Airlines' website similarly inflates its initial prices with extra fees, but at least it provides a
Brock University Endowment Fund

Brock University’s Endowment Fund — made up of philanthropic gifts in support of student scholarships and bursaries, research initiatives and other academic activities — was built primarily through the generous philanthropic support of our donors, with the help of an Ontario government program that has matched, dollar-for-dollar, donations that support student awards.

The Endowment Fund is critical to the University. It directly supports our students, and at the same time it creates financial stability while ensuring a lasting legacy that will provide benefits to students, faculty, programs and the institution itself, year after year, for generations to come.

The University is working diligently to continue building the Endowment Fund in support of our learning and research needs. This year the fund grew by $4,345,000 — to reach a market value of $54,313,000 as of April 30, 2012.

In 2009, the University launched its Campaign for a Bold New Brock. Its goal of $75 million focused on raising funds to support the University’s academic plan — Brock 2014 — and to ensure our donors that the priorities of the University and our fundraising efforts support the critical need of teaching and research.

Brock 2014 commits to the following priorities:
- Research
- Graduate studies
- Teaching and Learning
- Community Outreach

Since launching the Bold New Brock campaign in 2009, the Endowment Fund has grown by more than $20 million. Together with our partners, we are all laying the foundations of a strong, lasting legacy.

How endowments make a difference

Brock University is committed to informing and engaging our donors and partners in the life of the University.

And we are pleased to report that impact is being made through a growing number of scholarships and bursaries, innovative research and other academic activities that might otherwise not be funded.

- There are currently 597 endowment funds at Brock University.
- $1,302,002 of realized income was available this year.
- 950 undergraduate scholarships and bursaries were awarded this last academic year.
- More than 65 graduate awards were given to highly skilled graduate students who are the key to Canada’s next generation of innovators and leaders.

Statements of impact

“The Dr. Alan Earp Scholarship will help lessen the burden of the extraordinary costs of attending university; however, its greatest significance lies in its role in allowing me to achieve my educational and post-collegiate goals.”
— Dr. Alan Earp Scholarship recipient

“I rely on financial aid, grants and student loans to help finance my education. Receiving this scholarship will help reduce my financial burdens and provide assistance for me as I continue pursuing my education.”
— Brock University President’s Golf Tournament In-course Award recipient

“This scholarship will allow me to focus 100 per cent of my time on my studies without worrying about my financial situation, as I am solely responsible for financing my post-secondary education.”
— Brock’s Alumni Honours Scholarship recipient
Brock University opened in 1964 and received its first endowed gift in 1966. Since that time, the endowment fund has grown to $54,313,000 as of April 30, 2012, with most of the growth occurring in the past five years.

Fiscal Year Endowment Impacts

Spending allocation:
With prudent management, the University works to ensure the preservation of capital and a rate of return that maintains or enhances the endowment’s purchasing power over time and supports a desired spending rate. The spending allocation for 2012 – 13 will be three per cent.
Investment managers: McLean Budden, Walter Scott and Mawer
# Financial report

**Statement of Financial Position**

(in thousands of dollars)

As of April 30, 2011

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assets</td>
<td></td>
<td></td>
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<tr>
<td>Cash and cash equivalents</td>
<td>$36,182</td>
<td>$30,664</td>
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<td>Accounts receivable</td>
<td>15,603</td>
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<td>Government grants receivable</td>
<td>3,283</td>
<td>3,266</td>
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<td>Prepaid expenses and other assets</td>
<td>769</td>
<td>927</td>
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<tr>
<td>Inventories</td>
<td>2,883</td>
<td>2,485</td>
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<tr>
<td>TOTAL CURRENT ASSETS</td>
<td>58,720</td>
<td>47,711</td>
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<tr>
<td>Restricted investments</td>
<td>83,644</td>
<td>83,830</td>
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<tr>
<td>Capital assets</td>
<td>270,627</td>
<td>215,760</td>
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<td></td>
<td>$412,991</td>
<td>$347,301</td>
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</tbody>
</table>

| Liabilities and net assets |        |        |
| Accounts payable and accrued liabilities | $40,216 | $19,868 |
| Deferred revenue           | 12,246  | 11,028  |
| Deferred contributions     | 8,693   | 8,973   |
| Current portion of long-term debt | 720     | 671     |
| TOTAL CURRENT LIABILITIES  | 61,875  | 40,540  |
| Long-term debt            | 31,288  | 22,008  |
| Interest rate swap         | 321     | -       |
| Debenture payable          | 89,968  | 89,936  |
| Deferred capital contributions | 156,440 | 125,700 |
| Employee future benefits obligations | 12,774  | 11,096  |
| Net assets                 | 60,325  | 58,021  |
| For the complete audited financial statements, please visit brocku.ca/finance | $412,991 | $347,301 |

**Statement of Operations**

(in thousands of dollars)

Year ended April 30, 2011

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2010</th>
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</thead>
<tbody>
<tr>
<td>Revenues</td>
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<tr>
<td>Student fees</td>
<td>$105,859</td>
<td>$96,576</td>
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<td>Government grants for general operations</td>
<td>86,574</td>
<td>84,418</td>
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<td>Ancillary operations</td>
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<td>28,702</td>
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<tr>
<td>Grants and other revenues</td>
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<td></td>
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<tr>
<td>for restricted purposes</td>
<td>1,048</td>
<td>1,252</td>
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<td>Investment income</td>
<td>809</td>
<td>2,459</td>
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<tr>
<td>Other</td>
<td>10,775</td>
<td>13,833</td>
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<tr>
<td>Research grants for restricted purposes</td>
<td>17,330</td>
<td>12,995</td>
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<tr>
<td>Amortization of deferred capital contributions</td>
<td>5,881</td>
<td>4,992</td>
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<td>$257,582</td>
<td>$245,227</td>
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| Expenses         |         |         |
| Salaries and benefits | $165,407 | $157,985 |
| Scholarships, fellowships and bursaries | 12,503  | 12,815  |
| Supplies and expenses | 13,461  | 13,108  |
| Materials and expendable equipment | 3,824    | 5,398    |
| Repairs, maintenance and rent | 6,043    | 5,653    |
| Utilities and taxes | 7,706    | 8,332   |
| Interest on long-term debt | 6,203    | 6,694    |
| Cost of sales     | 8,450   | 8,203   |
| Other             | 8,921   | 8,939   |
| Research expenses, including fellowships | 17,330   | 12,995  |
| Amortization of capital assets | 13,500   | 13,741  |
|                  | $263,348 | $252,863 |

| Excess of expenses over revenues |         |         |
| $ (5,766) | $ (7,636) |
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– Greg Finn

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– Neil McCartney
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– Don Cyr
Dean, Faculty of Education
– Fiona Blaikie
Dean, Faculty of Graduate Studies
– Michael Plyle
Dean, Faculty of Humanities
– Douglas Kneale
Dean, Faculty of Mathematics and Science
– Ejaz Ahmed
Dean, Faculty of Social Sciences
– Thomas Dunk
Registrar – Barb Davis
University Librarian
– Margaret Grove
University Secretary and Privacy Commissioner
– Mike Farrell
Alex Nedeljkovic
Undergraduate, Community Health Sciences.
Goals: Enter medical school. Provide care for families in Niagara.

For both sides of the brain.