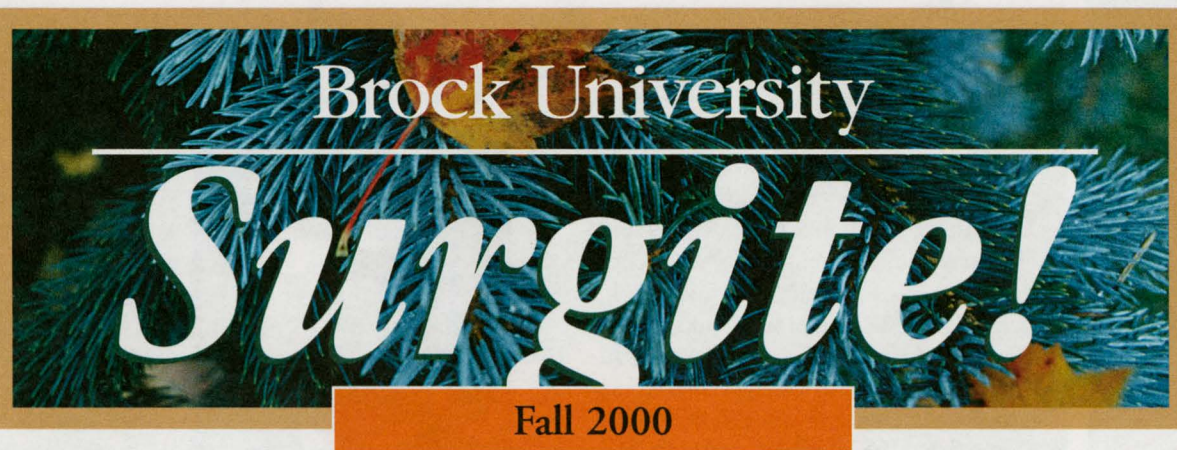




Grad success page 3



Alumnews page 6

A quarterly publication for graduates and friends of Brock University
Surgite!/sur-gi-tay/Latin for "Push on!" The inspiring last words of Maj.-Gen. Sir Isaac Brock

Brock's dynamic future comes into view

Rob Gilmour looks around the construction site of the new Student/Community Health and Fitness Centre and his face breaks into a wide grin. The 2000-2001 President of the Brock University Students' Union is witnessing the future of Brock University unfold before his very eyes. He likes what he sees.

Gilmour wouldn't be enjoying the view if not for the commitment of Brock students who overwhelmingly supported a November 1999 student referendum to provide \$5 million in funding to support the capital costs of the Student/Community Health and Fitness Centre.

"The successful outcome of the referendum shows that students who come to Brock genuinely care about their campus," says Gilmour. "By agreeing to a self-imposed levy, the students demonstrated an amazing show of support for the future of Brock."

"At the same time, they have taken the initiative to support the kind of projects that will raise the value of a Brock degree for all of our graduates." *turn to page 3*



Rob Gilmour, President of the Brock University Students' Union, says that the new initiatives at the University "will raise the value of a Brock degree" for all graduates.

Homecoming 2000 reflects growing tradition

Did you play rugby at Brock? Ever work at the Centre for the Arts? Were you a residence Don from 1970 to 1980? Are you a Computer Science graduate?

Homecoming 2000, November 3 to 5, is in reunion mode like never before.

You won't want to miss out on the fun as Brock grads celebrate some very special anniversaries. The Homecoming Calendar, on pages 4 and 5, gives a detailed listing of all the events.

"The increase in the number of anniversary reunions speaks to the growing sense of tradition at Brock," says Lynne Irion, Alumni Relations Coordinator.

The Old Badgers celebrate the 30th anniversary of Brock Rugby. They will be in action on the field with three games planned.

Brock's Centre for the Arts, also marks a 30th anniversary by hosting a reunion.

The Grade 12 summer students from 1970 are also coming back for a get-together.

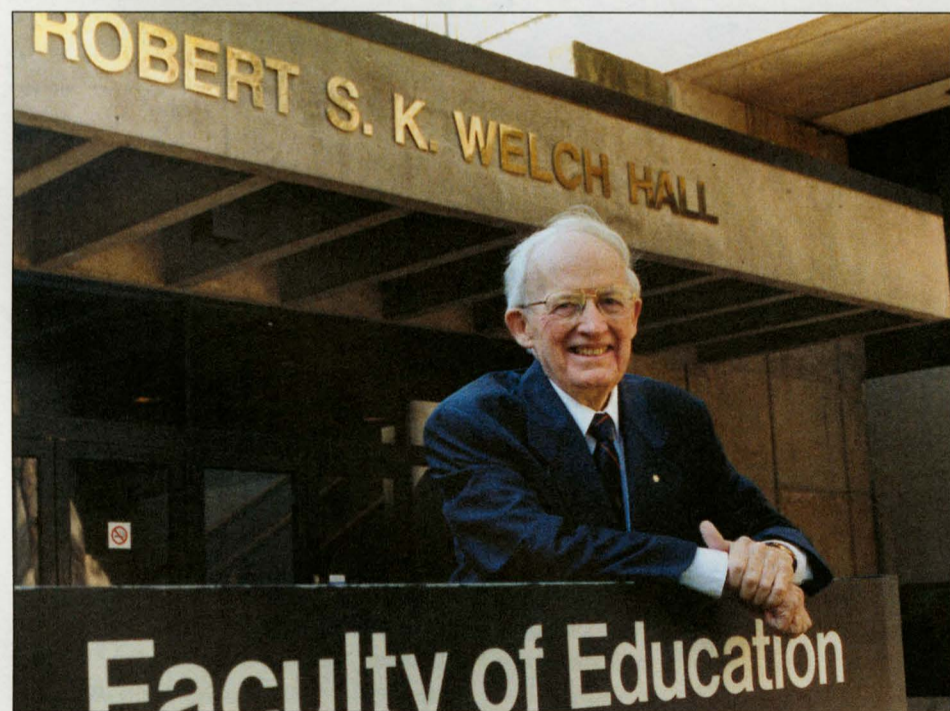
Keeping with the Homecoming tradition of the annual 25th and 30th class dinner, this year, Brock celebrates with the Class of 1970 and 1975.

Starting new Homecoming reunion traditions are the Corporate Adventure Training Institute and the Brock Student Ambassadors, who celebrate their 15th anniversary.

The Computer Science program marks its 25th anniversary. Graduates of the Biology program are invited back for a special gathering to honour five faculty in the department who will retire (Professors Manocha, Lewis, Morris, Rand and Ursino) and another, Professor Cade, who left Brock to become the President of the University of Lethbridge.

If you would like further information on Homecoming, contact the Alumni Office at (905) 688-5550, ext. 3816 or 3251.

Chancellor 'profoundly shaped' Brock



Brock Chancellor Dr. Robert S.K. Welch at last October's dedication and naming of the University's Faculty of Education building in his honour.

Brock Chancellor Dr. Robert S. K. Welch was remembered for his loyalty, service, friendship and love during a memorial service, on August 9, in the Brock gymnasium.

More than 800 people gathered to remember Dr. Welch, who served as Chancellor of the University from 1985 until his death on July 29.

The memorial was a celebration of his political and personal achievements with tributes from former Ontario Premier Bill Davis, Brock President David Atkinson, the Chancellor's son Rob Welch and retired Anglican Diocese of Niagara Archdeacon Ian Dingwall.

"We at Brock know Bob Welch as someone who has profoundly shaped our University, and whose memory will remain alive among us," said Atkinson.

During his 15 years as Chancellor, Dr. Welch presided over the University's annual fall and spring convocation *turn to page 8*

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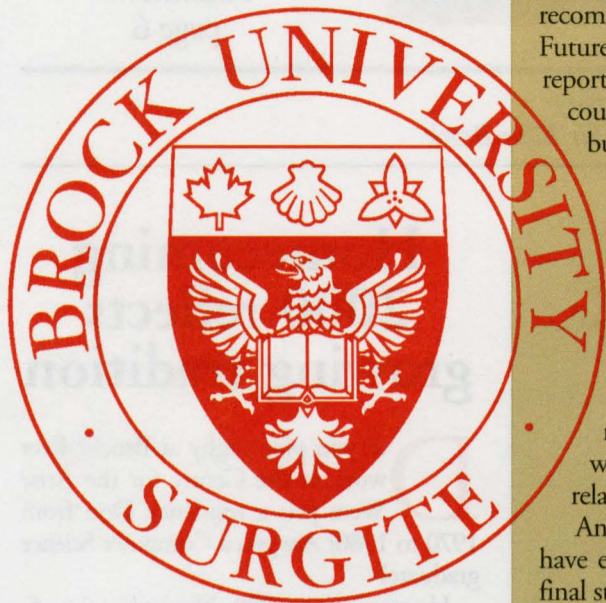
Brock University

Chair, Board of Trustees

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Surgite!

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Brock celebrates an extraordinary year

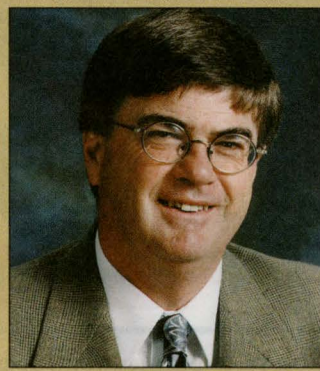
In May, Brock celebrated the largest Convocation in its history as 1,956 students graduated with degrees and diplomas. Nothing could have better concluded an extraordinary year for Brock, as the University vigorously pursued its agenda for change. During the last 12 months, the process of implementing the recommendations of "A Vision for the Future," Brock's planning and priorities report, has continued apace, and, of course, we have just begun the largest building project in Brock's history.

Brock's renewed commitment to programs focusing on career preparation has resulted in 16 new Co-op programs in everything from Communications Studies, to Theatre, to Physics. We have enjoyed the extraordinary success of Experience*Plus!*, which is currently providing over 800 students with specific experience and skills relating to career readiness.

An array of new graduate programs have either been approved or are in the final stages of planning — new PhD programs in Biotechnology, Psychology, and Education, and new Masters programs in Popular Culture, Child and Youth Studies, Equity Studies, and Health Sciences. In January, we admitted the first students to our Master of Accountancy program.

We remain Niagara's university, working actively with our community partners to improve the quality of life for everyone in Niagara. We concluded our first season with the Niagara Symphony Orchestra as Brock's Orchestra-in-Residence. And for two wonderful weeks last summer, Brock provided the Athletes' Village for the 1999 FISA World Rowing Championships.

While we are Niagara's university, we are taking a more prominent place both provincially and nationally. Brock experienced a 23.7 per cent increase in first choice applications for the academic year 2000-2001, 10-times the provincial average. ACE Brock was honoured for the second year in a row with the CIBC Campus Enterprise Challenge Award as the outstanding chapter of student entrepreneurs in the country. Our Cool Climate Oenology and Viticulture Institute was recognized by the Conference Board of Canada as the most outstanding example of industry-educational partnership in Canada.



Brock President David W. Atkinson

We have also become more than a St. Catharines campus. With the purchase of our Briarwood facility, Brock now has a permanent home in Hamilton for our Faculty of Education, although I expect that we shall, over time, use the facility for other initiatives as well.

The achievements and reputation of any university are the cumulative result of individual efforts. We are very proud of faculty such as Dr. Eric Muller from the Department of Mathematics, who received the 1999 Adrien Pouliot Award by the Canadian Mathematical Society and Dr. Barry Joe, from Communications, Popular Culture and Film, and Germanic and Slavic Studies, who was recently named a 3M Fellow as one of Canada's outstanding university teachers. Our researchers continue to do important, groundbreaking work, for example, Dr. James McNulty, from Chemistry, continues to do groundbreaking cancer research, and Dr. John Hay, from Community Health Sciences, is conducting research on cystic fibrosis.

We also saw this year two very clear indications of how Brock's own community feels about the institution. The success of the student referendum was a powerful signal of the commitment our students have towards their University. And, more recently, the success of the faculty, retirees and staff campaign indicated that those who work here, past and present, share this commitment.

The \$50-million capital expansion currently under way will truly transform Brock's campus and will provide the space so necessary for Brock's future academic development. Funded through an unprecedented partnership between the

province of Ontario, the Regional Municipality of Niagara, the cities of St. Catharines and Thorold, the private sector, and our students, this construction is intended to provide the facilities necessary if Brock is to be ready for the extraordinary growth expected over the next few years.

Direct-entry admissions are up again for next year, and we anticipate having the largest enrolment in Brock's history, even as we have worked to increase our admission standards. We have also exceeded enrolment targets in Education, and our new post-diploma program in Nursing is proving very popular.

The challenge for Brock will be to maintain the human scale that has been the institution's hallmark for so many years. We all recognize that Brock will never be a small institution again. At the same time, Brock must grow if it is to achieve its academic ambitions. This growth must, however, be carefully planned and it must not be at the expense of the things that Brock has long seen as central to its mandate. We must remember the importance of maintaining the best of our past, even as Brock looks to position itself as a different kind of institution for the future.

While today we celebrate Brock's accomplishments, we have lost someone very important to us. On July 29, our Chancellor Robert S.K. Welch passed away at his home. Bob was Brock's Chancellor since 1985.

Bob Welch profoundly shaped our University. He truly understood the importance of the University as a place where the difficult problems of our world could be confronted, where solutions could be found, and where the best of who we are could be celebrated.

At each convocation, he would congratulate the graduates and we all knew that he spoke with absolute conviction, that he took enormous pleasure from their accomplishments. At that moment, life didn't get much better as he looked out upon the promise of the future.

Brock University has lost a great man, but we celebrate his great life — one that will live on in the institution in which he helped to build. The legacy of Bob Welch is all around us, and for this we will always be grateful.

FORUM

Faculty of Humanities builds on excellent reputation



Dr. Rosemary Drage Hale

By Dr. Rosemary Drage Hale, Dean, Faculty of Humanities

It is a pleasure to be at Brock and to have the opportunity to greet you here in *Surgite!* Just over a decade ago I emigrated from the United States, coming to Canada because of the social mandates, especially those in higher education. Over the years, I have grown stronger in the conviction that universities play a pivotal role in the development of Canada's identity and offer the widest range of social and cultural benefits. I feel distinctly privileged to be a part of the spirited contribution at Brock.

Although I have been here only a few months, I have already seen substantial evidence of what initially attracted me to the University — fine teachers, outstanding scholars, a unique learning environment known for building foundational

skills through seminar teaching, and an administration committed to supporting improvement, growth and development in the Humanities. Most particularly, I was attracted to working with a vibrant Faculty of Humanities. Even before arriving here in early July, I heard from a Brock alumna, Jean Bruce, now a doctoral student at Concordia University, who had completed her undergraduate degree at Brock in a Humanities program. She called to tell me that Brock was extraordinarily significant in her career development, that the teachers she had here were the best she has ever known, and that as she prepares for an academic career she intends to model her own teaching on the professors she encountered at Brock. Quite an endorsement and I know she is not alone in her assessment of the excellence in teaching in the Humanities.

Brock is now vigorously engaged in the process of planning for the future with new buildings under way. As the University progresses towards becoming a comprehensive university, the Faculty of Human-

ities must play a meaningful role. In order to flourish and continue to grow, the Humanities at Brock will need additional resources — the hiring of new faculty, greater library acquisitions, and expansion in the area of new instructional technologies.

While the Humanities faculty face a great many challenges in the next few years, all the elements necessary for success are here. There is deep dedication to teaching and research along with a wealth of exciting ideas for program development at both undergraduate and graduate levels. With an increased sense of cohesion and common purpose, the Humanities Faculty can build on past accomplishments and existing areas of excellence. I come with a vision of synergy and interaction, open to input and collectivity. I also come with a thoroughly integrated belief that interdisciplinarity is central to the restructuring of knowledge in the 21st century. At Brock, the Humanities and Social Sciences are clearly the leaders in interdisciplinarity where

it is manifested in both teaching and research with collaborative learning models and hybrid fields of inquiry.

As a Dean new to the University, the most important objective for me in the coming months is active listening. In addition to staff, students, and faculty, there are a number of individuals and groups with much to offer, such as alumni, members of the Dean's Niagara Council for Humanities, and the Brock Philosophical Society. I would like to extend an invitation here to any of you who have ideas or suggestions for program development and improvement to contact me. My e-mail address is rhale@spartan.ac.brocku.ca. I look forward to hearing from you.

Dr. Rosemary Drage Hale was appointed Brock's Dean of Humanities for a five-year term, effective July 1, 2000. Dr. Hale comes to Brock from Concordia University where she has held various academic responsibilities since 1992. Her most recent appointment at Concordia was as Associate Dean of Graduate Studies and Research.

Brock Business grad on top of high-tech world



Brock Business grad Debi Rosati

Debi Rosati (nee VanKooten) is at the stage in her business career where she doesn't have to go out and find new opportunities. They have a habit of finding her.

Rosati, who has a degree in Business Administration from Brock, has over 15 years experience in the field of finance and management, most of that concentrated in Ottawa with Canada's growing high-tech industry. She has developed a solid reputation as a business advisor with a knack for refining business plans, devel-

oping capital acquisition strategies and knowing the market climate.

She has the success to back it up. In 1995, Rosati became Vice-President and Chief Financial Officer of TimeStep Corporation, a data network security company. Her husband, Tony Rosati, and partners Tim Hember and Brett Howard founded the company after being approached by Newbridge Networks Corporation to be part of their affiliate program that provides start-up funds for promising high-tech companies.

Last year, Newbridge acquired TimeStep for approximately \$120 million.

"From the pre-conception to acquisition by Newbridge, TimeStep went from no revenue to \$10 million in revenue; no employees to 140 employees," says Rosati. "It was definitely viewed as successful in terms of high-tech acquisitions."

After the acquisition, Rosati had planned to take some time off. That quickly changed when she was approached about working for Celtic House International, the personal venture capital firm of Ottawa billionaire Terry Matthews. Matthews co-founded Mitel Corp. with Corel Corp. boss Michael Cowpland in the mid-1970s and later branched out on his own to create Newbridge, which realized \$7.1-billion (U.S.) in stock on its sale to Paris-based Alcatel.

Celtic House is among the country's

most aggressive investors in early-stage telecommunications companies, often taking stakes in companies that offer a little more than an interesting concept and a strong management team.

That's where Rosati, who became Vice-President and General Partner of the company in June, comes in.

"We invest in people, not business plans," explains Rosati. "Sometimes you have the right team but not the right technology. Other times you have the right business plan but the management team lacks certain qualities. My job is to work with people to find the right combination so that Celtic House can help create value for all of their portfolio companies."

"Celtic House is a very active investor. It is the kind of venture capitalists that rolls up its sleeves and gets in the trenches to do what it takes to get a business off the ground."

Rosati has been applying that kind of "in the trenches" work ethic to her life for a very long time, including the four years she spent in Brock's Co-op Accounting program that led to her Chartered Accountant designation in 1985.

"I picked Brock for its co-op program because I saw the benefits of working on a degree and at the same time acquiring important work experience," says Rosati, who was part of Brock's first co-op education initiative in 1980. "It was a wonder-

ful, high quality program. It was grilling and intense. You were writing business cases and getting right into business practice. I was very focused around my studies."

Rosati says her early career laid a foundation for her current success. She was in public accounting briefly, but left in 1987 to take a job with Cognus, one of the first high-tech companies in Ottawa to go public in the United States. Her role was to define the reporting requirements for the U.S. Her next opportunity came 15 months later as controller with Calmos, an integrated circuit (IC) design house which her husband had worked for since 1985. When Calmos was acquired by Newbridge, she then moved forward as a corporate divisional controller and part of the divisions senior management team.

"These were very significant experiences for me," says Rosati. "I had the opportunity to be involved in planning and operations—all aspects of the business."

It has added up to a remarkable career for Rosati—a career that is far from over. At 38, she knows new opportunities will present themselves. One of her main priorities is to make sure she balances her career with her family, two boys aged 9 and 7.

"I've always taken jobs that I feel will provide me with challenges. But, I also want to be sure that I'm having fun at what I do. That's very important," she says.

Dynamic Future *from page 1*

The student referendum was the start of something big at Brock. It was followed by commitments of \$2.275 million from the City of St. Catharines, the City of Thorold and the Regional Municipality of Niagara (\$1.5 million, \$275,000 and \$500,000 respectively). In March, Brock's faculty, staff and retirees donated \$355,000 to the Invest in Quality campaign, setting an all-time record for internal fundraising at Brock. The province of Ontario announced in May that Brock would receive \$15.57 million in capital funding as part of the SuperBuild investment program. Also in May, Brock's Board of Trustees gave the green light for \$50 million in construction projects. That set the stage for the official groundbreaking ceremony for the new construction on June 9, less than seven months after the student referendum.

There is much more to \$50 million of brick and mortar than meets the eyes. The new initiatives now taking place on campus represent the strength of Brock's past and present working together to build future opportunities for research, undergraduate and graduate program development, student services and community partnerships.

"We are excited about the development of new and upgraded teaching and computing facilities both of which will enhance our ability to deliver quality undergraduate and graduate programs adapted to student needs," says Robert Kerr, Dean of the Faculty of Applied Health Sciences. "The Faculty is thrilled to see the expansion of our research capability that will result from the new construction. Given the nature of our applied research focus, this will also strengthen our ability to provide more services to the Niagara community."

Brock graduate Val Fleming has a sense of nostalgia about the changes taking place at the University. In 1965, when classes were being held at the bottom of the escarpment on Glenridge Avenue, Fleming began working on a degree at Brock as a part-time student. More recently, Fleming has helped provide vision and leadership to the University as



Outside the Physical Education complex, Bill Chenard, second from right, project coordinator for Vanbots Construction Corporation, points to the site plans as he explains the work under way to, from left, Rob Gilmour, Val Fleming, and Robert Kerr.

a member of the Board of Trustees.

"These new buildings present the University with a great opportunity to grow and build upon Brock's excellent reputation," says Fleming. "The Board of Trustees recognize the challenges that are ahead. The Board wants to provide the impetus that will put the University on course for an exciting future."

Professor Emeritus Bill Hull takes a great deal of pride in knowing that he and many other faculty and staff, who are now retired, have helped Brock establish a strong foundation for new directions. He realizes that their continued support will make a difference in Brock's future.

"Those of us who came to Brock in the '60s and '70s were on the cutting edge of instant tradition-making as we helped the leaders of those days adapt the University to changing circumstances," says Hull. "Now, we are being asked to be part of the next wave of change, in effect to build on our own past contributions. We all stand to gain from the rewards that these initiatives will bring to the University."

Retired faculty and staff were part of the success of the Invest in Quality fundraising campaign. The campaign supported the new buildings as well as new scholarships, and library and teaching technology. Chris Critelli, Coordinator of Athletics and Head Coach of the Women's Interuniversity Basketball Team, co-chaired the campaign. In addition to raising the necessary funds, Critelli says the campaign created a greater awareness of the commitment of the Brock community to the quality of education.

"As a coach, I know the value of team spirit, hard work and taking pride in accomplishments," says Critelli. "The Brock family demonstrated those qualities by donating three times more than ever before in an internal fundraising campaign. It was extremely evident from the results of the campaign that Brock's faculty and staff, both past and present, care about the students and they care about the future of Brock. That kind of commitment is helping Brock build a dynamic future."

Edwards leads Board of Trustees

St. Catharines lawyer David L. Edwards was elected Chair of the Board of Trustees for Brock University. He succeeds George Barkwell who served in this position for the past two years. Dr. Andrew Panko, a Brock graduate from Niagara-on-the-Lake, and Norris W. Walker, of St. Catharines, are Vice-Chairs for 2000-2001.



David L. Edwards

"Brock University has a tradition of excellence and is heading for an exciting future," states Edwards, who has been a member of the Board since 1995. "I look forward to making a contribution to the University as it continues to be recognized as a leader in post-secondary education."

Edwards was born in 1951 and raised in St. Catharines. He received his LLB from Osgoode Hall Law School (1975) and was called to the Bar in 1977. Edwards joined the firm of Lancaster, Mix and Welch in 1977, became a partner in 1979 and is a former Managing Partner. He is a past Director of the Rotary Club of St. Catharines, past Director on the Board of the Alzheimer's Society of Niagara Region, past President of the United Way of St. Catharines and District, and served on the Niagara District Airport Commission for 10 years. He is the Honorary Solicitor for the Niagara Peninsula Children's Centre and CEO of TheBigCircle.com, an incubator to Cartrackers.com, PartTrackers.com and MoveDirect.net. Edwards resides in St. Catharines with his wife MaryAnn (nee Predovich), a graduate of Brock, and their two children.

New trustees elected to the board include: Donna Scott, Chief Executive Officer of the Ontario Arts Council, of Toronto (for a three-year term ending June 30, 2003); C. Dennis Bausch, Executive Vice-President, Marketing and Planning for Magna International Inc., of Aurora and a graduate of Brock; and David Howes, President and General Manager of Lincoln Fabrics, of St. Catharines (both for a two-year term ending June 30, 2002).

Alumni and students making the connection at Brock!

Homecom



Gary Enskat, Alumni Association President

Be part of the change and growth

Look around the Brock campus today, and you will see signs of a huge building campaign, bringing the University into the 21st century. At Brock's spring Convocation, we heard from honorary degree recipient Ian Beddis, who was part of Brock's first Honours graduating class in 1968. He shared with us his memories—first classes held at St. Paul's United Church in downtown St. Catharines; and Brock's move into the old refrigerator factory at the bottom of the escarpment. How different the campus already looks from back then, and how different it will look in the near future.

The Brock Alumni Directors enthusiastically support the building program. At our July 30 meeting, the Board of Directors went one step further and unanimously endorsed the current capital campaign. We are expecting 100 per cent of the Board of Directors to contribute to the capital campaign fundraising endeavour being undertaken by the University. In addition to that, the association will direct proceeds from fundraising activities to the capital campaign. That will include, starting next year, money raised through the annual Alumni Golf Tournament (we're already committed to the CCOVI scholarship fund this year).

But the University isn't just about buildings. It's about students (past, present and future). And that's where the Alumni Association fits in. We are about students. We are also involved in growth and change. As the alumni mature, they will become more involved in various activities. Currently, the Alumni Association is making changes to its Web page to make it more useful to Brock grads. Check us out at: www.alumniassociation.brocku.ca

This is only the beginning though. Just as the University is changing and growing, so must the Alumni Association. That's where you fit in. We need your ideas and involvement. Volunteer to serve on the Board of Directors, bringing your enthusiasm so we can become the kind of association that is relevant, provides value and is active in many areas. Our AGM is set for Saturday, November 4.

Contact the Alumni Office, at (905) 688-5550, ext. 3816, to tell us you want to be on the Board, or come out to the meeting.

Be part of the change and growth going on at the University.

— Gary Enskat, President
Brock University Alumni Association

Bylaw Amendment Brock University Alumni Association

The Board of Directors of the Brock University Alumni Association has proposed the following addition to the Association's Bylaws as follows:

Whenever the Alumni Association representative position on the Brock University Board of Trustees becomes vacant, the Alumni Association Board of Directors will submit a short list of no more than three potential candidates to the Brock University Board of Trustees nominating committee. The Alumni Association nominating committee will call for nominations for this position on an annual basis and have a list of up to three candidates prepared in advance and approved by the Alumni Association Board of Directors. As a minimum, this representative must also agree to serve on the Alumni Association Board of Directors as an Ex-officio member.

This Bylaw will be ratified at the Annual General Meeting of the Alumni Association on November 4, 2000.

Surgite! Fall 2000

They're Back – Moose and Carl Return to Brock

Brought to you by Brock Student Ambassadors and BUSU

Were you part of the crowd that spent Tuesday evenings in ISAAC's rocking to Moose and Carl and partying the night away when you should have been studying for that "oh so important" credit? Well, you will be happy to know that Moose and Carl are coming back to do their first-ever Homecoming event. Don't be the one sitting at home wondering where the action is; come join current students, alumni, and friends of Brock University in ISAAC's, on Friday, November 3, for a rock'n' good time. For ticket information, see Centre for the Arts insert page 5.



Lee Ann Napierkowski BA, hist, '00, left, and Jen Campbell BA, psyc, '00

25th/30th Anniversary Dinner

Don't be the odd graduate out. There is a place for you at this year's 25th/30th anniversary dinner, for the Class of '75 and the Class of '70, on Saturday, November 4, beginning with a reception at 6 p.m., at Pond Inlet. If you would like to contact some old friends ahead of time, but have lost touch with them, please call Lynne, at the Alumni Office, (905) 688-5550, ext. 3251. She will help you locate fellow graduates and give you more information on getting tickets and reserving tables for this special occasion.



Anniversary Dinner Class of '74-'69, from left, Jay Tandon, BSc, biol, '73, Shiv Gupta, MSc, chem, '71, Shenouda Gad, MSc, phys, '74, and Swami Kumar, MSc, phys, '74

Homecoming Pub!

This is your Homecoming party; let your hair down, and have a great time in ISAAC's, on Saturday, November 4. Pat Hewitt has played at Brock for over 20 years and remains Brock's very own entertainer. Last year's Homecoming Pub was a sell-out with many grads getting together large groups of friends for the event. Hopefully this tradition will continue. If you require assistance locating old friends, call Vera, in the Alumni Office, at (905) 688-5550, ext. 3816, or e-mail: vterpak@spartan.ac.brocku.ca. For ticket information, see Centre for the Arts page 5.

Brock Student Ambassadors Celebrate 15 Years

It's hard to believe but the Brock Student Ambassadors are celebrating 15 years of service to the University and the Niagara community. All former Ambassadors will be getting together, on Saturday, November 4, to catch up on old times, share news, show baby pictures, brag about their successful careers and have a great time. If you are a former Student Ambassador and wish to contact old friends, please contact Lynne Irion, in the Alumni Office, at (905) 688-5550, ext. 3251, or e-mail: lynirion@spartan.ac.brocku.ca. Make plans to be there! Watch your mail for more information.



From left, Anne Louise Grieve, BEd, '90 with Jeff Innes

30 Years of Rugby at Brock

Hallett's Union Tavern, on Merritt Street, in St. Catharines, will be Rugby Headquarters for the Old Badgers' 30th anniversary reunion. There will be an informal registration session at Hallett's on Friday evening.

Men's and women's alumni matches, and the annual Varsity versus Old Badgers Challenge, are scheduled for Saturday afternoon, to be followed by an old-fashioned rugby social at Hallett's. For further information or to register, e-mail: oldbadger1@gto.net or visit the Web site at: <http://www.BrockU.CA/extrel/develop/rugby/>

Friday, November 3

9:15 a.m. The Brock Philosophical Society (Senate Chamber): Join them for their three-day conference The God that is Love — The Love that is God. There will be 18 papers presented at the conference plus an art exhibit. For more information, contact David Goicoechea, at (905) 688-5550, ext. 3315.

6 p.m. Computer Science Reunion (Alphie's Trough): For more information, contact Debbie Shiers, at (905) 688-5550, ext. 3513, or e-mail: debbie@cosc.brocku.ca See page 5.

7:30 p.m. Men's Basketball Tournament (Gym One): Brock vs Acadia. For information, contact Ken Murray, at (905) 688-5550, ext. 3301, or e-mail: kmurray@arnie.pec.brocku.ca

8 p.m. Alumni and Student Pub (ISAAC's): Moose and Carl are back. Reserved seating for advance ticket sales held until 9 p.m. only. For ticket information, see Centre for the Arts page 5.

8 p.m. Vocal recital with Maria Fortuna (Sean O'Sullivan Theatre): From the stages of opera houses such as the Welsh National Opera, San Francisco, and Carnegie Hall, Brock's Music Department presents Maria Fortuna in a vocal recital of songs and operatic excerpts. For ticket information, see Centre for the Arts page 5.

Saturday, November 4

9 a.m. Information Desk: Schmon Tower Lobby (until 7 p.m.).

11 a.m. Bookstore and Badger Sports Shop: For your convenience, the Badger Sports Shop and the Bookstore will be open from 11 a.m. to 3 p.m. See page 5.

12 Noon 1970 Grade 12 Summer Student Reunion (Alumni Lounge): For more information, contact Monica Gemeinhardt at: glen.gray3@sympatico.ca, Doug Faulkner at: dfaulkner@seglaw.com, or Lynne Irion, in the Alumni Office, at (905) 688-5550, ext. 3251, or e-mail: lynirion@spartan.ac.brocku.ca See page 4.

12 Noon Registration Desk at ISAAC's: Graduates who check in at the registration desk and present their alumni card will receive an alumni souvenir and the chance to enter our annual Homecoming draw. ISAAC's will be serving wings, nachos, chicken fingers to 5 p.m.

12 Noon Women's Rugby Game (Field): For more information, contact Ken White, at (905) 688-5550, ext. 4233, or e-mail: kswhite@spartan.ac.brocku.ca

12:30 p.m. Biology Reunion and Retirement Celebration Lunch (Pond Inlet): Five professors are retiring and they will be present at this special event. For more information, contact Don Ursino at: dursino@spartan.ac.brocku.ca or the Department of Biological Sciences, at (905) 688-5550, ext. 3388.

12:30 p.m. CATI Facilitators Reunion (Faculty of Education Lounge): For more information, contact Jeannine D'Amico at: cati@brocku.ca or (905) 688-5550, ext. 3120. See page 5.

1 p.m. Master's Rugby Game (Field): For more information, contact Ken White at: kswhite@spartan.ac.brocku.ca or (905) 688-5550, ext. 4233.

1 p.m. Co-ed Recreational Volleyball Challenge (Gym Two): Cost is \$25 per

* The 2000-2001 Brock University Varsity Sports Schedule is (905) 688-5550 ext. 3384, or visit the Athletics section of

team — students and alumni welcome (individuals may also register). Please enter by Wednesday, November 1, by calling (905) 688-5550, ext. 4409 or e-mail: jcurrie@arnie.pec.brocku.ca

2 p.m. Computer Science Open House and Tour: For more information, contact Debbie Shiers at: debbie@cosc.brocku.ca or (905) 688-5550, ext. 3513. See page 5.

2 p.m. Competitive Rugby Game (Field): For information, contact Ken White at: kwhite@spartan.ac.brocku.ca or (905) 688-5550, ext. 4233.

2 p.m. to 4 p.m. Alumni Family Fun Swim (Eleanor Misener Aquatics Centre): Free to alumni and their families on presentation of your alumni card.

2:30 p.m. Women's Basketball Alumni Game (Gym One): For more information, contact Chris Critelli at: critelli@arnie.pec.brocku.ca or (905) 688-5550, ext. 3380.

3 p.m. ISAAC's Post Game Pub: Come out and catch up on old times with friends, teammates, and faculty. For more information, see page 5.

3:30 p.m. Alumni Association (Board Room—13th floor Schmon Tower): Annual General Meeting and Election of Board of Directors.

4 p.m. Centre for the Arts Reunion (The Gallery, Sean O'Sullivan Theatre):

A reunion for former full-time/part-time staff and students who worked or volunteered at the Centre. For more information, contact BCA Box Office, (905) 688-5550, ext. 3257; e-mail: boxoffice@spartan.ac.brocku.ca. See page 5.

4 p.m. Men's Alumni Basketball Game (Gym One): For information, contact Ken Murray at: kmurray@arnie.pec.brocku.ca or (905) 688-5550, ext. 3301.

6 p.m. Anniversary Dinner (Pond Inlet): Honouring the Class of '75 and Class of '70, open to all graduates, faculty, and staff. For ticket information, see Centre for the Arts page 5.

6 p.m. '70s and '80s Dons' Reunion/Dinner (Alphie's Trough): There will be lots of familiar faces at the dinner, which begins at 6 p.m. For more information, see page 5.

6 p.m. Women's Basketball Game (Gym One): Brock vs Lakehead. For more information, contact Chris Critelli at: critelli@arnie.pec.brocku.ca or (905) 688-5550, ext. 3380.

6 p.m. Annual Alumni Swim Meet (Eleanor Misener Aquatics Centre): All former Badger swimmers are invited to the meet. For more information, contact Herb DeBray, at (905) 688-5550, ext. 3596.

6:30 p.m. Brock Student Ambassadors 15th Anniversary Reunion (Trivial Recruit Conference Room): For more information, contact Lynne Irion at: lynirion@spartan.ac.brocku.ca or (905) 688-5550, ext. 3251. See page 4.

7:30 p.m. Men's Interuniversity Hockey (Thorold Arena): Toronto at Brock

8 p.m. Men's Basketball Game (Gym One): Brock vs St. Mary's. For more information, contact Ken Murray at: kmurray@arnie.pec.brocku.ca or (905) 688-5550, ext. 3301.

8 p.m. Alumni Pub Night (ISAAC's): Party on with Pat Hewitt. Four tickets per person maximum. Alumni are allowed to sign in one guest only. Reserved seating for advance ticket sales held until 9 p.m. only. For ticket information, see Centre for the Arts page 5.



From left, Katherine (De Decker) Smith, BA, geog uest, '95 and son Levi, Meaghan Fuller, BA, soci, '96, April Moon (Wallis), BA, labr soci, '95 and daughter Ruby; at back, Dickon Wallis and Mitchell Smith.

Biology Grads Homecoming Reunion

Has it been some time since you were on campus? Then, plan to attend the Biology Department's Homecoming reunion, on November 4, to take a tour of the department's facilities and Inniskillin Hall, the new Oenology and Viticulture building, and to attend the special luncheon festivities being planned. There won't be another Biology Department reunion quite like this one. For more information, please contact the department office, at (905) 688-5550, ext. 3388, or e-mail Professor Don Ursino at: dursino@spartan.ac.brocku.ca

Centre for the Arts, Brock University

Mark the Homecoming dates on your personal schedule now, and order your tickets (you may charge them on VISA or MasterCard) by calling the Box Office, Centre for the Arts, at (905) 688-5550, ext. 3257. Box Office hours are Monday through Friday, 10 a.m. to 7 p.m.; and Saturday, noon to 4 p.m.



Centre for the Arts
Brock University

- **Alumni and Student Pub**, featuring Moose and Carl, Friday, November 3, 8 p.m., \$5 per person;
 - **Maria Fortuna**, Friday, November 3, 8 p.m., Adults: \$20, Students/Seniors: \$16;
 - **Anniversary Dinner**, Pond Inlet, Saturday, November 4, 6 p.m., \$30 per person;
 - **Dons' Reunion**, Saturday, November 4, 6 p.m., \$15 per person;
 - **Alumni Pub featuring Pat Hewitt**, Saturday, November 4, 8 p.m., \$7 per person.
- *There will be a \$3 processing fee added to phone/fax/mail orders (not applicable on in-person sales). Full payment must be included with order. Tickets will be mailed if ordered before October 20, 2000 and will be held for pick-up if ordered after this date.

Pat Hewitt rocks on at the Alumni Pub Night.



Brock University Alumni Association presents...

Alumni Award for Excellence in Teaching

Nominations for the Alumni Association Award for Excellence in Teaching are invited annually. Nominees must be full-time members of faculty holding regular faculty rank and must have completed three years teaching at Brock. Nominations may be submitted by students, alumni, faculty, or staff members. Nomination forms will be available from the Alumni Office from Monday, November 6. Deadline for the nomination package is March 2, 2001. For information, please contact the Alumni Office, at (905) 688-5550, ext. 3816 or e-mail: vterpak@spartan.ac.brocku.ca

'70s and '80s Dons' Reunion!

There will be a reunion, and dinner, for all Dons from the 1970s and 1980s (up to and including 1989/90), on Saturday, November 4, at 6 p.m., in Alphie's Trough/The University Club. There will be many familiar faces from your years at Brock including Vicki and Arnie Lowenberger, Ron and Hazel McGraw, Kathryn and Spurge McBride, David Jordan, Les McCurdy-Myers, Jamie and Liz Fleming and other special guests... "the more, the merrier!" Come and reconnect, reminisce, show pictures of your kids, chat, laugh, and enjoy yourself.

The Dons' Reunion dinner will be finished in time for those who want to get to the Homecoming Pub night, at ISAAC's, by 9 p.m. Of course, you are welcome to linger longer at Alphie's.

Please buy tickets for the Dons' Reunion Dinner (\$15) and/or for ISAAC's (\$7, separate ticket) through the Brock Box Office.

If you have questions, suggestions or want to help, please contact Jamie Fleming, at (905) 688-5550, ext. 3594; fax: (905) 688-0797; e-mail: jfleming@brocku.ca

Note: There are plans for a 1990/91-1994/95 Dons' Reunion in 2001 and a 1995/96-1998/99 Dons' Reunion in 2002.



From left, Gail Julie, BSc, math, '70, George Julie, Terry Atkinson, Janice Klassen, BSc, biol, '69, John Klassen, BSc, chem, '70, and Hanna Gibbons, BEd, '76 reminiscing at Homecoming November 1999.

Computer Science 25th Anniversary Reunion

Computer Science at Brock is 25 years old. Come and join with alumni, past and present faculty and staff to help celebrate. On Friday, November 3, there will be a 25th anniversary dinner with cash bar, cocktails at 6 p.m. and dinner at 7 p.m. Tickets are \$25 per person and available in advance from Deborah Shiers, Department of Computer Science, Brock University, St. Catharines, Ontario, L2S 3A1.

On Saturday, November 4, from 2 p.m. to 6 p.m., the department will be hosting an Open House on the 300 level of J Block (J328). Come and see what the department looks like in the 21st century. Mingle with alumni, faculty, staff and current students. Sip a drop of wine (cash bar), eat a morsel of cheese. Come and make our 25th anniversary party a success. For more information, contact Deborah Shiers, at (905) 688-5550, ext. 3513 or e-mail: debbie@cosc.brocku.ca or visit the department Web site at: www.cosc.brocku.ca/.

Centre for the Arts reunion

All former full-time and part-time staff and students, who worked or volunteered at the Centre, are invited to a reunion, on Saturday, November 4, from 4 p.m. to 6 p.m., at The Gallery (lobby), Sean O'Sullivan Theatre. Cash bar and finger foods will be available. For information, call the Box Office (905) 688-5550, ext. 3257; e-mail: boxoffice@spartan.ac.brocku.ca

CATI Reunion

The Corporate Adventure Training Institute is holding its first-ever CATI reunion, for all those brave people who have climbed the high ropes, facilitated a group in -20 degree weather, explained experiential education, or have been a CATI facilitator. There will be a luncheon on Saturday, November 4, at 12:30 p.m., in the Faculty of Education Lounge. To reserve your place, please contact Jeannine D'Amico, at (905) 688-5550, ext. 3120 or e-mail: cati@brocku.ca

ISAAC's

If you're looking for somewhere to have lunch, why not drop by ISAAC's. The pub opens at noon and will be serving pizza, wings, nachos, chicken fingers and other snacks. At 3 p.m., come celebrate with the sports teams, old friends and faculty members.

Looking for Friends?

Are you considering attending any of the many Homecoming events but don't wish to attend alone? Have you lost contact with your friends from Brock? The Alumni Office will help you contact old friends. For assistance, contact Vera Terpak, at (905) 688-5550, ext. 3816, or e-mail: vterpak@spartan.ac.brocku.ca

Bookstore and Badger Sports Shop

Great times... Great memories

We're sure you'll want to take something home that will continue to remind you of the good times you enjoyed at Homecoming 2000. While you're on campus, don't forget to visit the Badger Sports Shop, located on the mezzanine level of the Physical Education Complex; and the Bookstore, in the Thistle Corridor across from the Centre for the Arts Box Office.

The Badger Sports Shop offers a large selection of Brock memorabilia including imprinted T-shirts, shorts, sweatshirts, sweatpants, hats, children's clothing, swimsuits and more.

The Bookstore has watches, jackets, imprinted beer steins, coffee mugs, T-shirts, sweatshirts, children's clothing and other items.

For your convenience, the Badger Sports Shop and the Bookstore will be open from 11 a.m. to 4 p.m., on Saturday, November 4.

General Meeting and call for nominations

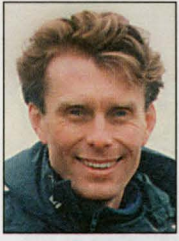
The Annual General Meeting of the Brock University Alumni Association will be held on Saturday, November 4, at 3:30 p.m., in the Board Room, 13th Floor, Schmon Tower.

The Brock University Alumni Association is governed by a volunteer board consisting of 15 elected directors. The officers of the Association are elected from the 15 directors. The term of office for Board members shall normally be a period of three years, commencing at the Annual Meeting and terminating at the Annual Meeting three years hence.

Nominations for directors to the Association may be made by any member of the Association and must be received by Friday, October 13.

For nomination forms or more information, call the Alumni Office, at (905) 688-5550, ext. 3816, fax: (905) 641-5216, or e-mail: vterpak@spartan.ac.brocku.ca

SNAPSHOT



Name: Bob Friesen
Degrees: Honours Bachelor of Science (Biology), Bachelor of Education.
Residence: Grimsby, Ontario.
Career: Science and

math elementary teacher, part-time musician.

Most Recent Jobs: On leave from Maplehurst Public School, Burlington, Ontario; last music performance on Parliament Hill, Ottawa, for Canada Day celebrations.

Favourite Memories at Brock: Vertebrate and invertebrate labs in the old science campus that was below the escarpment with Professor Lewis; animal behaviour classes with Dr. Morris; entomology course with Dr. Cade; walks out to Decew Falls and Lake Gibson with my girlfriend Michelle (she's my wife now).
Greatest Source of Pride: Producing my first CD, a collection of 12 original songs that describe my experiences teaching and travelling in Northern Quebec, Turkey, Egypt, Cypress, and Indonesia.

Childhood Career Goal: Cowboy or garbageman.

Future Goals: Sell every copy of my first CD; record a second CD; teach overseas again.

Sources of Inspiration: For teaching, my inspiration comes from my best teachers: Dr. Lewis, Dr. Morris, Dr. Cade and Mr. Shurashi (Grade 8 Phys. Ed.) and Mr. Leavens (High school Phys. Ed. and English). For writing songs, my inspiration comes from my travel experience, from my son Ben and especially from my wife Michelle.

TeleGrad enjoys most successful year ever

TeleGrad, Brock's annual giving program, had its most successful year ever in encouraging alumni support. In total, 2,351 graduates made pledges of financial support to the University in 1999.

Since TeleGrad's inception in 1992, the program has raised \$1.63 million dollars in pledges.

Brock is fortunate to receive tremendous support annually from so many graduates who want to take a vital role in the educational welfare of our students.

Through this generous giving, the University has upgraded computer facilities for student use, doubled its endowment for student aid and bursaries, and assisted the library with the purchase of new books, journals and new library technologies, such as the Elsevier Journal system.

This support has also enabled the expansion of programs. For example, support through the Access to Opportunities Program allowed Brock to accommodate additional student enrolment in the Computer Science program.

The generous support from graduates clearly indicates their overwhelming satisfaction with their Brock experience. In a recent survey, over 90 per cent of Brock graduates believe that the University has contributed to a great extent in providing them with the employment skills they need to succeed.

The survey also showed that Brock graduates feel an enormous sense of pride and affiliation to the University. Ninety-six per cent said they would highly recommend Brock to students.

Surgite! Fall 2000

ALUMNews



Tanya (Moore) Preston (BA/BEd, '98), centre, celebrates on her wedding day with fellow grads Carrie Millman (BA, soci, '98), left, and Kerri Anderson (BBA '98). Tanya married Dan Preston, July 3, 1999.



Joe Kenny, Brock's Head Athletic Therapist, front row left, organized and met with 30 Brock alumni during a recent reunion for former athletic therapy staff and students. Twenty years of staff and students attended the reunion. Special thanks to Gerry Townsend (BPhEd '90), the Head Athletic Therapist for the Toronto Argonauts, for help sponsoring the event and Linda Keast (BPhEd '98) for contacting many of the alumni.

1972

Thein Aung (MSc, biol), after retiring in June 1995 as a Chemical Examiner of Myanmar, has been running a private clinical laboratory at the Royal Special Clinic in downtown Yangon. In February 2000, he started a new career as Consultant Biochemist at the laboratory division of Asia Royal Medical Centre, Sanchaung Township, Yangon, Myanmar.

Barbara Buchanan (BSc, chem) has been re-elected to the Vancouver School Board of Trustees in November 1999 for another three-year term. She is learning about labour relations and education and management of the \$377 million budget. She continues to work as the Occupational Health and Safety Coordinator for Paprican (the Pulp and Paper Research Institute of Canada). Greetings and the best to all.

1975

David Derry (BA, phil; BRLS, '84), Executive Director of the Ontario Rowing Association for almost 13 years, is now General Manager of the St. Catharines Chamber of Commerce. This year, he will represent Canada on the jury for the junior and non-Olympic senior events at the 2000 World Rowing Championships in Zagreb, Croatia.

1976

Silvester Mkoba (BEd) lives in Morogoro, United Republic of Tanzania and since July 1, 1999 has been a retired Government Servant. He plans to enter into politics and run in the elections for Government of the United Republic of Tanzania.

1985

Robert Friesen (BSc, biol psych; BEd, '86) has been on a leave of absence from his teaching position to look after his two-year-old son, Benjamin. During this time, he has fulfilled a long-time dream to record a CD. His CD is entitled "Reaching for Buddha's Big Toe" and is a collection of his self-written songs. The music has an electric feel based in folk-rock.

William (Bill) Hanes (BBE) recently changed industries, from 15 years in food service sales management to rehab and mobility products. As a Territory Manager, he deals with occupational therapists and dealers across southern Ontario.

1986

Shelly (Donahue) Bowers (BPhEd) has been selected teacher of the year by the Grand Erie Elementary Teachers' Federation. She has been with the Grand Erie District School Board for 13 years and is employed at James Hillier School, in Brantford, Ontario.

1987

Darcy Baker (BSc, uest), manager of Trails Implementation for the Lake Ontario Waterfront Trail, has now returned to the Niagara Peninsula Conservation Authority as Director, Land Management.

Suzanne McInnis (BA, geog) after working for the Regional Municipality of Halton and the Ministry of Agriculture and Food, she has recently joined the Niagara Peninsula Conservation Authority as Watershed Planner.

Lisa Osborne (BA, psyc, '87; BPhEd, '88; BEd, '92) is still enjoying life as an elementary school teacher in St. Catharines, Ontario. She is currently teaching Grade 5 and junior Physical Education, at Sheridan Park School.

1991

Darren McDermott (BBA) and his wife Heather are enjoying their two-year-old son, Matthew. Through work he has been keeping busy with travelling to California and Seattle. He would love to hear from old Brock acquaintances.

Pamela (Bate) Morrison (BPhEd) and husband Michael were married in Jamaica. She has worked with developmentally handicapped people for the last 10 years and has just resigned to be at home with her daughter, Kayla.

1992

David Colborne (BBA), after graduating, started his own business in Puslinch, Ontario. He operates two crews that specialize in comprehensive property maintenance, landscape design, build services and outdoor landscape lighting. He gives his best to the grads of 1992.

Elizabeth Walisser (BA, csbc) has recently joined with Aimcon as an Operations Manager, in Orillia, Ontario.

1994

Jim Bilotta (BPhEd) is currently employed at the Athletic Therapy Clinic at Brock University and his wife, Mindy (Toffolo) Bilotta (BA, hlst, '98) is a Health Promoter at the Niagara Regional Public Health Department.

1995

Shaun Young (MA, poli) is completing a doctorate at the University of South Africa. He is under contract to the University Press of America to produce a book that analyses the viability of the concept of political liberalism.

1996

Jason Morningstar (BPhEd) "Star," says hi and hopes everyone is well and doing fine. To the Physical Education graduating class of '95, '96 and to all the boys, "Sarnia Still Rocks!"

Todd Nie (BA, hist) and wife Karin are residing in Orillia, Ontario. They met at Teacher's College in Buffalo and are now elementary school teachers.

1998

Carrie Millman (BA, soci) has recently accepted a position with the Workplace Safety and Insurance Board as Special Investigations Fraud Specialist. She sends congratulations to many of her friends: Tanya Moore (BA/BEd, '98) and Dan Preston on their first wedding anniversary; Kerri Anderson (BBA, '98) who is moving to London, England for a couple years to make her unmistakable mark on the business world; Shelly Hurst (BEd/BSc, biol, '98) and Glenn Hyland, who married July 22, 2000, and Jodi Melnick (BA, geog, '98) who has achieved her Master Degree in Planning from the University of Toronto. She is proud of you all.

1999

Frank Di Pietro (BBA) has joined Ross Dixon Financial Services as an Account Executive. He has completed the Canadian Securities Course and is currently a candidate in the Chartered Financial Analyst (CFA) program.

Lynne Rousseau (BA, hlst) has put together the Meaningful Activities Kit. With the assistance of the Alzheimer Society, she has developed a kit to help the workshop participants explore ways to recognize individual abilities and enable those with dementia to participate in a meaningful activity.

2000

Amy Balicki (BBA), after graduating with a degree in Business, took on a challenge at Concessi's General Store in Long Beach, Ontario. The store was closed since September 1999, so Amy decided to put in long hours and make it a successful business.

BIRTHS

Lori (Booth) Butler (MEd, '97), a daughter, Jacqueline Nicole, April 27, 2000.

Maria (Loiacono) Hlady (BA, soci, '91), a son, Joseph Gerald, October 25, 1999.

William Juhasz (BPhEd, '89), a son, Hunter Bela, April 23, 2000.

Mun Leong Edmund Lee (BA, adm/econ, '90), a son, Eduard William, May 26, 2000.

Tammy (Smyth) Mepstead (BAdmin, '88), a son, Matthew, August 26, 1997 and a daughter, Christine, April 23, 2000.

Pamela (Bate) Morrison (BPhEd, '91), a daughter, Kayla Nicole, January 11, 2000.

Denise Peltier (BA, psyc, '93), a son, Dylan Leo, June 10, 1998.

Janet (Swain) Westbury (BPhEd, '93; MEd, '99), a daughter, Taylor Lauren, May 20, 2000.

Patricia (Taylor) Willick (BA, chld, '93), a daughter, Katrina, December 7, 1999.

Julie (Mitchell) Wilson (BRLS, '92; BA, psyc, '93), a son, Zachary Douglas James, April 28, 2000, a daughter, Courtney Taylor, March 4, 1997.



Pamela Bate (BPhEd, '91) and Michael Morrison, March 30, 1999.

MARRIAGES

Pamela Bate (BPhEd, '91) and Michael Morrison, March 30, 1999.

Jim Bilotta (BPhEd, '94) and **Mindy Toffolo** (BA, hlst, '98), May 22, 1999.

David Colborne (BBA, '92) and **Lisa Clanfield**, January 23, 1999.

Mary Saralee Hurley (BA/BEd, '97) and **Rodney Damaso** (BA, chld, '96), July 8, 2000.

Tanya Moore (BA/BEd, '98) and **Dan Preston**, July 3, 1999.

Todd Nie (BA, hist, '96) and **Karin Penny**, July 24, 1999.

Tammy Smyth (BAdmin, '88) and **Andrew Mepstead**, October 19, 1996.

Biotechnology will change the way we live

In late June, two teams of scientists announced that they had compiled a working draft of the human genetic code. This information has significant implications on human life—from fighting diseases, to solving environmental problems, to sending astronauts to far-reaching galaxies.

Dr. Yousef Haj-Ahmad, a professor of Biological Sciences at Brock, shares his thoughts on this major scientific development.

1) Will this breakthrough lead to cures of certain diseases and how long before this happens?

It will lead ultimately to cures. At the present time, these cures are awaiting breakthrough. And breakthroughs such as those are unpredictable—they could happen in weeks or in years.

This new information will lead to the identification of various genes that may be involved in various diseases. The key to success in curing diseases, not just treating diseases such as cystic fibrosis, diabetes and cancer caused by genetic defect, is for scientists to find the means to deliver the correct genes and replace the defective genes or mutated genes. Many scientists are spending endless hours working on gene delivery. Biotech companies are spending billions and billions of dollars trying to find the means and mechanisms to deliver genetic information into cells. There are a number of vehicles available for gene therapy but none of them, at the present time, are meeting the requirements that scientists expect in the gene delivery mechanism.

2) Ultimately, will this breakthrough allow people to live longer?

Yes. Clearly, people afflicted with various forms of cancer live shorter lives; there is no question about it. Cancer and heart disease are the leading causes of death. If you eliminated these two problems then obviously people will live longer.

Cancer, for instance, is the disease of the aging. Generally speaking, old people mainly die of cancer. If you control cancer, than you will increase the lifespan dramatically. It will also mean that the quality of life will increase.

3) How does a breakthrough such as this compare with other major developments we see today, for example, advancements in information technology?

I think we all, at the present time, recognize the powerful impact that information technology and micro-electronic advances have brought to bear on our society, world-wide. They have made the world truly a global village. Scientists no longer work in isolation and we don't have to go to the library to read what other scientists are doing.

In my opinion, the biotech revolution is more powerful than the micro-electronic revolution. The biotech revolution is going to change the way we live on this planet. It is going to change the way we essentially look at the surrounding universe. It is extremely powerful. It will affect our world economy, people's habitat, people's health etc.

4) How does this breakthrough affect day-to-day life?

Essentially, people will live a healthier, longer life. They don't have to be scared too death if they discover they have cancer. They don't have to worry about UV radiation, food, and environment—there will be solutions.

It presents a lot of hope. For example, say you have a bacterial infection. At one time it used to be deadly. Today, it's no big deal. Antibiotics will take care of it. You don't worry about it as much. You get the flu—there's a vaccine. You get a cold—it's a matter of a few days and you're over it. These are common things. With this breakthrough, one day, the genetic defects that cause cancer and heart disease will be uncovered.

5) What kind of an impact does this have on students who are interested in pursuing careers in biotechnology?

It is an extremely rewarding profession. You are working on things that are going to help people, things that really matter. You can compare it to a career in medicine. Medicine is very rewarding because you are helping people. But you help one person at a time. In biotechnology, if you have a breakthrough, you will help mil-

lions of people—not just one. For example, imagine if you came up with a drug to cure HIV. You would alleviate the suffering for millions of people around the world.

Biotechnology has a very bright future. Years ago, when biologists graduated, there were very few job opportunities. You could become a science teacher or you get your PhD and become a professor. It is no longer that way. At the present time, job opportunities in biotechnology are very good and the pay is very good. We have the Molecular Millionaires Club. Currently we have 250 biotech companies in Canada. In the U.S., there are nearly 1,500 biotech companies. Worldwide the number of biotech companies is increasing. Venture capital is pouring into the biotechnology field. A lot of these things are happening around universities.

6) Will this lead to people increasing their brain power?

It is a possibility. The human brain right now is hundreds of billions of times more powerful than the most powerful computer. This power can still be increased but not necessarily by going in and introducing new genes and trying to design new people.

7) Should we have concerns about the use of this new knowledge?

I personally don't see a downside to it. I have heard a lot of arguments put forth by people who are concerned. Very often, you



Dr. Yousef Haj-Ahmad, a professor of Biological Sciences

see that their concerns are not well thought out or well researched. These arguments are going to slow progress. In my opinion, the arguments are counterproductive.

The work in genetics is being done not to just treat diseases but to cure diseases. Clearly, this is a noble cause. Nobody would say anything against antibiotics. They have alleviated so much suffering.

At the present time, new drugs must go through extreme rigorous testing before they can be put on the market. It can take 12 to 15 years and up to \$500 million dollars to bring a given drug to the market. There is no better way of doing it than the present way.

ALUMNI: IMPORTANT INFORMATION

Name: _____
 Surname at Graduation: _____
 ID# _____
 New Address: _____
 City: _____ Postal Code: _____
 Tel # () _____
 E-mail: _____
 Employer name: _____
 Position/Title: _____
 Employer Address: _____
 City: _____ Postal Code: _____
 Tel # () _____
 Spousal Information: _____
 Name: _____
 Spouse a Brock Grad? Yes No
 If yes, ID# _____
 Surname at Graduation: _____
 Employer Name: _____
 Position/Title: _____
 Employer Address: _____
 City: _____ Postal Code: _____
 Tel # () _____
 Contact (parent/friend/etc.): _____
 Relationship: _____
 Address: _____
 City: _____ Postal Code: _____
 Tel # () _____

THE ABOVE INFORMATION WILL BE TREATED AS CONFIDENTIAL BY THE ALUMNI OFFICE.

AlumNews:

Do you have some news that you'd like to share in the next AlumNews section? Include it below and we'll do our best to include it in the next *Surgite!* (Attach a separate sheet if you need more space.)

Clip this form and return it to the Alumni Office, Brock University, St. Catharines, Ontario L2S 3A1 or fax to: (905) 641-5216 or e-mail: alumni@spartan.ac.brocku.ca

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INDUSTRIAL ALLIANCE PACIFIC
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In June 1999 Seaboard Life and North West Life merged to form a new organization, now operating as Industrial Alliance Pacific Life Insurance Company. IA Pacific Life is a member of the Industrial Alliance Group of Companies. Coverage available to Canadian residents only.

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- Up to \$300,000 Critical Illness benefits for you and your spouse
- \$10,000 Term Life coverage for each of your dependents for one low premium

CALL NOW FOR MORE INFORMATION
1-800-266-5667

Chancellor *from page 1*

ceremonies. Of Brock's 40,000 graduates, he conferred degrees upon 25,000 students, congratulating each of those students with a warm smile and a firm handshake.

"Bob had an enormous respect for learning, and got true joy from the achievements of those at Brock—it was very much his University," added Atkinson.

The former Deputy Premier of Ontario, Dr. Welch served in the Ontario legislature from 1963 until he retired from active politics in 1985. He held senior cabinet appointments under three premiers.

"Bob was a loyalist," said Davis. "He was loyal to me, whether we always agreed. He was loyal to his party. He was loyal to his constituents. And, he was committed to public service in this province.

"For me, he was an example of what was good about politics, what was good about family and also his church.

"The people of this province will be eternally grateful to the service that he provided. He was a warm, decent human being."

Rob Welch, speaking on behalf of his two sisters, Beth Kerley and Mary-Jayne Mete, remarked on the values expressed and demonstrated by his father.

"Love of family, of friends, each individual can make a difference, each individual has value, and we are all put on earth to make a contribution—three things dad taught us as a family. These things are an example to all of us."

Dr. Welch held honorary degrees from Brock University and McMaster University. He was Chancellor Emeritus of the Anglican Diocese of Niagara.

"(His sense of) friendship was shaped by his faith," said Dingwall. "Because he knew that true religion was simply being a friend to God, an eternal friend."

An Officer of the Order of Canada, Dr. Welch was senior counsel to the Niagara law firm of Lancaster, Mix & Welch.

The Chancellor also served on the board of directors of Consumer's Gas and chaired the Leonard B. Herzog Memorial Foundation as well as the Ontario Great Lakes Renewal Foundation and the Commonwealth Society of Toronto.

He was a member of the Ontario Press Council, and a director of the Ontario Lottery Corporation and the Ontario Casino Corporation.

He also acted as patron of the Niagara Children's Chorus.



Golfers meet the ultimate challenge

The Brock Hockey Alumni hosted the 2nd Annual Brock Badgers Ultimate Golf Challenge, at Willo-Dell Golf Course. The event raised money for the Bev McCollom Memorial Award Fund and challenged the participants to golf 100 holes in a single day. The team of golfers included several former Badger players and local supporters, front row from left, John Cain, Brad Rollo, Bruce Wormald, Murray Nystrom, Lorne Adams, Brad Kucharuk, Jim Briggs and Tim Hausser; back row from left, Dan Bassi, Dave Benedetti, Tom Salter, Paul Jackson, Henry Burgoyne, Kevin Hill, Tom Boychuk, Mark Quinn, Andrea Charters, Jim Charters, Brian Iggulden and Armando Caputo.

Barry Joe receives 2000 3M Teaching Fellowship



Dr. Barry W.K. Joe

Dr. Barry W.K. Joe is the recipient of a 2000 3M Teaching Fellowship, one of Canada's most prestigious teaching awards. Joe received the award from 3M Canada and the Society for Teaching and Learning in Higher Education for his exceptionally high degree of leadership and commitment to the improvement of university teaching across disciplines. The award also recognizes individuals who

excel in the teaching of their own courses.

Joe teaches in the Department of Communications, Popular Culture and Film and in the Department of Germanic and Slavic Studies. He is also the Director of the Centre for Teaching, Learning, and Educational Technologies at Brock.

"It gives me great honour to congratulate Barry Joe for being selected one of Canada's leading university educators," states Brock President David Atkinson. "He is a gifted and dedicated teacher who has made broad contributions to the quality of education for our students and for our faculty. Dr. Joe has taught at Brock University since

1980, first teaching German in the Department of Germanic and Slavic Studies, and concurrently for the past four years as a professor in the Department of Communications, Popular Culture and Film.

As Director of the Centre for Teaching, Learning, and Educational Technologies, Joe fosters an inviting atmosphere for professional development at Brock.

Joe is the third faculty member at Brock to be named a 3M Teaching Fellow. The others include Professor Don Ursino, of the Department of Biological Sciences, 1991, and Professor Clarke Thomson, now retired, from the Department of Geography, 1989.

Events

Fall Preview Day, October 22: Find out what makes Brock such a special place on Sunday, October 22, from 1 p.m. to 4:30 p.m. The afternoon features campus tours, residence tours and the opportunity to learn about the exciting programs available at the University. For more information, contact Recruitment and Liaison Services, at (905) 688-5550, ext. 4293.

Career Fair, October 23: Brock University, in partnership with Niagara College is hosting, Career Fair 2000, "The future's so bright you gotta wear shades," at Brock University in Gym 1, from 10 a.m. to 3 p.m. The event is open to students and alumni from Brock University and Niagara College. This is an excellent opportunity to meet more than 60 employers from across the region and beyond.

Two Days of Canada, November 1 and 2: The Centre for Canadian Studies at Brock University presents Two Days of Canada 2000, "Fusion Culture," bringing together Canadianists from Brock and across Canada in order to share their research and perspectives on Canadian topics and issues. This year's program includes several international scholars. For more information, please contact the Centre for Canadian Studies, (905) 688-5550, ext. 4029.

Grad Fair, November 3: Brock University will be hosting the Graduate Education Fair, in Thistle Corridor, from 10:30 a.m. to 2:30 p.m. The event is held to give students an opportunity to research various graduate programs and institutions from across Canada and the United States. Students will have the opportunity to speak with admissions staff of various institutions.

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*Draws for the 4 trips will be held June 16, 2000. The draw for the 4X4 will be held December 20, 2000. To receive the complete rules and regulations of the contest, please write to: "free your mind... and win!" Contest, c/o Meloche Monnex, 50 Place Crémazie, 12th Floor, Montréal H2P 1B6.