

Diverse topics given airing at Mapping event

Childhood obesity – a health issue that has reached pandemic proportions – was top-of-mind during a panel discussion at the third annual Mapping the New Knowledges conference April 4 and 5.

The Café Scientifique, whose panel included professors Bareket Falk, Brent Faught, Jason Liu and Jose Peralta-Huertas, and was moderated by Terry Wade, presented comprehensive knowledge about childhood obesity to the audience of close to 100 people from Brock and the broader community.

The panel was the opening event for the conference, which showcased graduate student and faculty research “that has tremendous relevance to the social and economic life of the community,” said Marilyn Rose, Dean of Graduate Studies.

Wade said that 20 years ago, there was little discussion around the subject of childhood obesity. Today, however, obesity is starting to surpass smoking as a national public health concern. Nine per cent of Canadian boys and girls are classified as obese, and 27 per cent of girls and 32 per cent of boys are at risk of obesity.

Panelists touched on the benefits of resistance training, proper nutrition and physical activity in children, self-esteem issues, the health consequences of obesity as children become adults, and children who live with a clumsiness disorder that erodes their motivation and confidence to be physically active.

The question was also raised about the parental role in the childhood obesity pandemic – are parents doing a disservice to their children by making life easier for them?

Andy Depner, a first-year master’s student in Applied Health Science, was one of the poster presenters at this year’s conference. He, too, has an interest in childhood obesity from the aspect of motivation and self-determination, and cited a Statistics Canada study that stated the number of Canadian youth ages 12 to 21 who

See MAPPING on Page 2

Inside Brock News

- Senate News.....Page 2
- Cancer Ride.....Page 3
- MediaTalk.....Page 3
- Health and Safety.....Page 3
- Faculty and Staff.....Page 4
- Publications.....Page 4
- Senate Elections.....Page 5
- Brock Briefs.....Page 6

campusnews@brocku.ca

More cash for campus renewal



St. Catharines MPP Jim Bradley, left, listens to President Jack Lightstone talk about the University’s timely acceptance of \$6.7 million in provincial funding through the Campus Renewal funding program.

Province adds \$6.7M for Brock

Students are the big winners in this month’s provincial funding announcement, according to the University’s president, and the minister who delivered the news.

St. Catharines MPP Jim Bradley on April 11 announced \$6.7 million in funding under the Campus Renewal funding program, which helps post-secondary institutions deal with infrastructure needs such as facility renovations and equipment upgrades.

Along with the January announcement of \$4.5 million under the same program, Brock’s portion of the total program funds climbs to \$11.2 million for 2008.

“This announcement couldn’t have come at a better time,” President Jack Lightstone said. “This represents a foresight of understanding that the

future of Ontario is to educate the next generation, and advance the research work being done to improve all areas of our lives.”

Lightstone noted the students will benefit from the changes and upgrades, particularly in the areas of safety, security and energy efficiency.

“By investing in (our students’) education, we are investing in Niagara’s and Ontario’s future,” Bradley added. “This money will allow Brock to make enhancements to its campuses to the benefit of countless students.”

A total of \$200 million has been earmarked by the provincial government for Campus Renewal funding across Ontario.

A recent report from Ontario’s auditor general noted universities are in need of \$1.6 billion to repair aging facilities across the province.

Capacity audiences see Laramie Project

Brock University recently felt the reverberations of the murder of Wyoming student Matthew Shepard, a hate crime rooted in homophobia that took place almost 10 years ago.

Brock Connections, a group of theatre students within the Department of Dramatic Arts, produced three shows of *The Laramie Project*, a play by Moisés Kaufman and members of the Tectonic Theatre Project about the reaction to the 1998 murder of Shepard in Laramie, Wyo. The play draws on journals, news reports and hundreds of interviews with the townspeople whose actual words are re-created on stage.

The Brock play was mounted twice in late February. Because so many people had to be turned away at the

door, the play was performed again a third time in April in the Sean O’Sullivan Theatre. It marked the first time a student-conceived, led and produced play that was not part of

course work or under faculty direction was mounted on the theatre’s main stage. The Sean O’Sullivan event was made possible at the recommendation of Debbie Slade, Director, Centre for the Arts.

“I am so tremendously proud of our students,” said Sharilyn Ingram, Director of Brock’s School of Fine and Performing Arts. “The mounting of *The Laramie Project* is an affirmation that Brock University values, respects and celebrates diversity.”

See LARAMIE on Page 2



Matthew Shepard

Dawson College still healing

Though the pain from the deadly results of an on-campus shooting in 2006 will never really go away, the staff of Dawson College face each day with the goal of putting the institution’s best face forward and concentrating on its success in the future.

Two Dawson representatives visited Brock April 7 to talk about the dichotomy that exists between never forgetting the incidents of Sept. 13, 2006, but also of finding a way to move forward for the sake of the staff and faculty left behind.

“If we have done anything right, it is because we tried to make all our decisions not only with our heads, but with our hearts,” noted Richard Filion, Director General of the Montreal school.

“You won’t find anything in blueprints to help you, because you are dealing with humans who have had their hearts broken.”

During the lunch hour of Sept. 13, 2006, a lone gunman stormed the main entrance of Dawson armed with three weapons and carrying 1,700 rounds of ammunition. Within a mere seven minutes, 13 students and six staff were wounded; one student was fatally shot. The gunman, identified as Kimveer Gill, committed suicide after being shot by police in the arm.

And while Dawson had an extensive emergency plan in place, the dynamics of the situation put that plan out the window within minutes of its implementation.

“I will admit we weren’t really prepared. We had a plan in place, but we couldn’t imagine a force so violent shattering our peace,” Filion noted.

Dealing with a fire or chemical leak in one place would have been more easily addressed in Dawson’s plan, he noted, since there were contingencies in place for such elements as site evacuation.

But when dealing with the unpredictable nature of a shooter on campus, the plan simply fell apart. A nearby mall that would have been used for student evacuation closed its doors, while the underground subway shut down, both giving the students no option but to evacuate into the streets, scattered over several blocks in downtown Montreal.

Because the event happened during lunch, the senior communications team members were not able to convene quickly. And they could not contact each other because the network crashed, overloaded by cellphone use from frantic staff, students and parents.

The police took over the scene within minutes of the first shot, but released information only as needed, so the senior administrators had to rely on information being passed along by police or others on the street.

See DAWSON on Page 2

DAWSON

... continued from Page 1

They had no way of knowing what was really happening until hours later. Even so, the police never did release any official information about who was injured, and until 9 p.m. that night, they did not release the name of the fatally shot student, Anastasia De Sousa.

Yet as these events were unfolding through shock and chaos, the communications team somehow managed to gather on a nearby street corner, and began planning how to release the information to the outside world.

"We decided the DG and Academic Dean would be up front right away," noted Donna Varrica, Communications Co-ordinator. "They were then *seen* to be handling the crisis."

At the 5:20 p.m. news conference, they were able to share the news that there had been one shooter, who had committed suicide, and that several faculty and students had been injured.

From that point on, the senior administrators and communications team decided that their message moving forward would include three key points:

1. That the college would not become a fortress
2. That they would educate others about what had happened at Dawson
3. That the college would come back stronger

Although they have adhered to all three points – receiving resounding applause when the school was opened again to students – Dawson has improved its emergency planning and installed many safety measures in the past 18 months. While not outwardly looking like a fortress, all key doors now have magnetic locks that can be activated remotely; all classroom and office doors have deadbolts; there are 200 surveillance cameras around campus; a dedicated cellphone and MIKE network (in case the cell lines go down) has been added; and a central public address system has been implemented that can target messages to the whole school, or to key sections, wings or rooms as needed.

Because the main emergency response plan did not apply to the shooting scenario, a secondary plan has been added.

While administrators did not hold much hope for exceptional athletic or academic achievement during 2006-07, the students turned in strong performances in all areas.

"The students' messages were all saying the same thing: 'We must be stronger than this guy. We will not let him win,'" Filion noted.

And when the students organized themselves to re-enter the school five days after the shooting, they did so at exactly the same moment as the shooting (12:41 p.m.), to the spontaneous applause of those gathered to watch.

The pride of that moment stays with Filion and Varrica, spurring them on to share this story with others.

Youth University featured in best practices

In Canada, four out of 10 young Canadians do not finish high school, do not go on to post-secondary education or drop out of post-secondary studies.

In early April, an international conference hosted by the Canada Millennium Scholarship Foundation and the European Access Network was held in Toronto to examine issues around access to post-secondary education. The conference featured a Best Practices Gallery with 28 exhibitors from Canada, the United States and Europe.

Brock's Youth University was featured as a unique Canadian early outreach program in the best practices gallery. Youth University's innovative programs, low fees, extended hours for working parents, and focus on the unique skills and abilities of all children rather than gifted students were some of the features highlighted.

Youth University brings more than 7,000 youth from all backgrounds on campus each year. This exposure is often a first glimpse into the world of post-secondary education.



ABOVE: Professor Terry Wade, far right, facilitates the Cafe Scientifique discussion on childhood obesity. Panel members include, from left, professors Brent Faught, Jason Liu, Bareket Falk and Jose Peralta-Huertas. RIGHT: First-year master's student Andy Depner, Leisure Studies, shows his research poster presentation during the annual Mapping the New Knowledges Conference.

MAPPING

... continued from Page 1

participate in organized sport at least once a week is decreasing. There are three types of motivation, he said: none (amotivation), external motivation (peers, social) and internal motivation (self).

He intends to conduct his research in area schools in the next six months to determine the motivations of school-aged children participating in after-school intramural programs.

In all, there were 116 submissions – 48 poster and 68 oral – presented at the conference.

All of Brock's academic Faculties were represented – Applied Health Sciences, Social Sciences, Mathematics and Science, Education, Humanities



and Business.

Research topics showed a great range in diversity, including presentations about upper leg strength and the risk of Type 2 diabetes; how autism is conceptualized culturally; an assessment of Ontario winery websites; understanding character development; the military metaphor of illness; maize as an energy substitute; philosophy in Macbeth; and NHL salaries.

PhD graduates face tough road entering working world: Peers

Douglas Peers began his presentation with what he called an uncomfortable truth: Fewer than half of all PhD graduates enter academia, so preparing for the job market has never been more important.

Peers, Dean and Associate Vice-President Graduate, Faculty of Graduate Studies at York University, was the keynote plenary speaker at Brock's third annual Mapping the New Knowledges conference April 4 and 5. The title of his address was "Beyond Academics: What about Skills Training for Graduate Students."

In addition to the first uncomfortable truth, he said, is that fact that only about 50 per cent of all PhD candidates complete their degrees.

Peers noted universities are offering more applied degrees, as both master's and doctoral students are increasingly seeking to use their degrees outside the academy, and with the proliferation of graduate programming in applied areas, new approaches to graduate education may be required in addition to traditional research-oriented degrees.

"There is a growing recognition that we as professors have a responsibility to do more than reproduce ourselves," he said, "and training must be conceived of more broadly."

Graduate students themselves are changing and becoming more diverse, Peers said. They have families, come from a wider range of backgrounds, and have expectations quite different from previous generations. More substantial funding packages mean that universities are competing for students. One size does not

fit all, he said – people go to graduate school for different reasons.

Common criticisms from prospective employers of graduate degree holders, Peers said, are that they can be over-specialized, lack commercial awareness, face difficulties in adapting to non-academic work culture, cannot relate to non-specialists, use impenetrable prose and have unrealistic expectations.

He added it is also necessary to think through and beyond constraining dichotomies, such as pure versus applied research, or research versus teaching.

Serious consideration also must be made to differentiate between what can be integrated and what can be offered as supplementary in terms of professional skills training, said Peers.

William Tays, a fourth-year PhD candidate in Psychology, said that by choice he has been able to take applied courses that advance his professional skills, but that these experiences have taken a lot of his time during his degree studies.

"How do we address professional skills without placing too much of a burden on an already heavy workload?" he added.

Brock President Jack Lightstone opened the plenary session. He urged graduate students to look to the right and the left and be open to the value of the insights of other disciplines to their own specialized research. He also asked students to seek a balance between methodology and an interest in how their specialized work contributes to a larger theoretical or conceptual framework.

LARAMIE

... continued from Page 1

Beyond a Brock-centred production, the student actors also performed *The Laramie Project* April 10 at Saint Paul Catholic High School in Niagara Falls. Production manager Tiffany Thexton, a fourth-year Drama and Education student, said that after the initial giggles, the high school students became caught up in the serious message of the play.

Adding to the intense interest in the first two Brock productions was information that a U.S.-based organization, the Westboro Baptist Church (WBC), a strident opponent to homosexuality and *The Laramie Project*, intended to protest on campus. Rev. Fred Phelps, leader of WBC, gained international notoriety when he picketed Shepard's funeral, and the organization often pickets productions of *The Laramie Project*.

Brock's Campus Security and other security agencies were put on alert, and graduate students in the Social Justice and Equity program mobilized an information session. Other students believed strongly that non-engagement at any level was the appropriate course of action.

"The one good thing about the controversy was that it backfired on Fred Phelps," said Thexton. "We were able to redirect our initial anxiety and energies into something very positive."

Audience members raised about \$900 for the Matthew Shepard Foundation in free-will donations.

Shepard, a 21-year-old gay student, was tortured, beaten, tied to an isolated rural fence and abandoned in near-freezing temperatures on the night of Oct. 6 to 7, 1998. He died from severe head injuries on Oct. 12, never emerging from his coma. Shepard's two killers, Russell Henderson and Aaron McKinney, were convicted and ordered to serve two consecutive life sentences.

For more information about the Matthew Shepard Foundation, please go to www.matthewshepard.org



Senate News

The 558th meeting of the Brock University Senate was held on April 9, 2008. During the meeting, Senate:

- received the President's Report dated April 9, 2008;
- received a Report from the Undergraduate Student Affairs Committee and
- accepted the Academic Integrity Policy (Code of Student Academic Conduct);
- accepted the amendments to Faculty Handbook Section III (relating to the Academic Integrity Policy);
- received a Report from the Information Technology and Infrastructure Committee which included, for information, the 2007 Annual Waste Audit; and
- received a Report from the Governance Committee which included the draft amendments to Faculty Handbook Section I regarding procedures for the appointment/reappointment of senior academic and administrative officers and a response report to the Report of the Auditors on Undergraduate Program Review at Brock University.

This report is a summary of actions taken. Full details of Senate meetings are available at: www.brocku.ca/secretariat/senate

For Election news and results, see Page 5



PHOTO: SUPPLIED

From left, Elna Mayberry, Ian Young, and Lynne Bubic, all Brock graduates and current staff members, will take part in the Ride to Conquer Cancer in June.

Brock riders ready to conquer cancer

Six members of the Brock community are looking to their colleagues for help in reaching an important goal in the fight to conquer cancer.

Team Brock University has committed raising funds and participating in the Ride to Conquer Cancer® to benefit the Princess Margaret Hospital. The team will join thousands of other men and women in a 200-kilometre ride June 20 to 22, from Toronto to Niagara Falls with a night of camping in Hamilton. Members include captain, Ian Young (alumni and staff member), Elna Mayberry (alumni and staff member), Lynne Bubic (alumni and staff member), Jessica Sgrignoli (student), Sasha Karanjac (student), and Judy Wesley (community member). Riders will support breakthrough research and the discovery of new cancer therapies at the Princess Margaret.

While most of the team members are riding for many friends and family members who have been touched by cancer, Young and Bubic have shared their personal reasons for riding in this particular event. While Young is a cycling enthusiast who takes any and all opportunities to ride, this ride is not for him – it's for his father, who is currently fighting lung cancer. Not content simply to participate, he also took the next step of working to put a Brock University team together.

Bubic has recently returned to cycling and was motivated to participate in this event by her mother, who recently completed treatment for breast cancer. She was inspired by her mom's positive attitude, strength and resilience – qualities she hopes to

emulate on the ride.

Each team member is required to raise a minimum of \$2,500, so they are counting on the generosity and community spirit of Brock's students, staff and faculty, to reach the goal. For personal stories of each rider, see www.conquercancer.ca/goto/brock

Ways in which you can help:

- **Donate:** Anyone can make immediate donations online by going to www.conquercancer.ca/goto/brock and choosing a team member to support. Donations must be in by May 30, 2008, but you are encouraged to donate as soon as possible, so that the team will know they can meet the goal. All team members must meet the minimum requirement, so consider supporting a different team member if your first choice has already achieved his or her goal.

The team will also be doing fundraising displays and events on campus between now and the end of May – watch for donation buckets, spinners in the hallway, and other events. Connect us with Corporate Donors – do you know a company in our community that might be willing to sponsor us? Contact one of the team and they will contact the company.

- **Join the team:** Interested in participating in the ride? Join our team at www.conquercancer.ca – spots are limited.

- **Volunteer:** Help run events on campus, canvas in your neighbourhood, or contact potential corporate donors. If you have some time to spare and a passion for the cause, contact Young to volunteer (ext. 3093 or iyoung@brocku.ca).

Educators honoured for efforts in making a difference

Three members of the Brock community were put in the spotlight recently for their contributions to the successful academic lives of students with disabilities.

During the "Making a Difference" awards luncheon April 3 at Pond Inlet, Suzanne Burchell, Rick Cheel and Patrick Ounlert were honoured for their leadership in this area.

Burchell is an instructor with the Department of Dramatic Arts who regularly delivers speeches as an advocate for students with ADHD; Cheel is an Earth Sciences Professor

and Associate Dean, Faculty of Mathematics and Sciences; and Ounlert is an instructor in the Department of Accounting.



I. King Jordan

Services for Students with disABILITIES and the Student Development Centre organized the event, which featured I. King Jordan, Past-President of Gallaudet University as guest speaker. Jordan made history in 1988 as the first deaf president of Gallaudet, the world's only university with all programs and services designated specifically for students who are deaf or hard of hearing.

Mediataalk People in the news

Lorne Adams, Director, Department of Athletics, was interviewed for an April 4 article in *Niagara This Week* entitled "Brock celebrates a season of success," in which he talked about the impressive 2007-08 season for Brock's athletes. A similar article ran in the *St. Catharines Standard* April 1 entitled "Just look at us now, Brock says." Adams was also interviewed for an April 4 article in the *St. Catharines Standard* entitled "Cheers to a team that keeps its scrums on the field," in which he talked about the turnaround of behaviour from the rugby team.

Garth Stevenson, Professor, Political Science, was interviewed for a March 25 article in the *Vancouver Sun* entitled "All parties should listen to the message of the byelections," in which he notes that no federal political party will be in a majority position until a dynamic leader is found to capture the faith and imagination of voters.

Carman Cullen and Gary Pickering, Professors, Cool Climate Oenology and Viticulture Institute, were interviewed for a March 26 article in the *St. Catharines Standard* entitled "Gauging Gen Y's taste for the bubbly," in which they talked about their study on the wine-drinking habits of people ages 19 to 30.

Sharon Abbey, Professor, Faculty of Education, was interviewed for an April 4 article in the *St. Catharines Standard* entitled "Teaching on the road," in which she talked about a four-week trip she and several student teachers are taking to South Africa. The story also ran in the *Welland Tribune*.

Kent Keeler, MBA student, was interviewed for an April 4 article in *Niagara This Week* entitled "Brock business student heading to Olympics of world issues conference," in which he talks of his upcoming trip to Copenhagen Consensus 2008.

Marilyn Rose, Dean, Faculty of Graduate Studies, was interviewed for an April 4

article in *Niagara This Week* entitled "Brock set to showcase grad research," in which she talked about the Mapping the New Knowledges conference.

Alun Hughes, Professor, Geography, was interviewed for a March 29 article in the *St. Catharines Standard* entitled "A reason to get cracking on the court," in which he talked about the historical reasoning behind naming Canboro Road in Fenwick.

Brad Clarke, Off-Campus Housing Officer, was interviewed for an April 5 article in *Niagara News* entitled "New group aims to involve students," in which he talked of the creation of the Town and Gown Committee in Thorold.

Craig Hyatt, Professor, Department of Sport Management, was interviewed for a March 31 article in the *Sarnia Observer* entitled "Moving brings mixed emotions," in which he talks of the emotional difficulty sports fans have when their hometown team moves to another market.

Tom St. Ivany, Director, Facilities Management, was interviewed for an April 2 article in the *St. Catharines Standard* entitled "Water woes return," in which he talked of the University's position on the flood damage happening to properties at the bottom of the Niagara Escarpment.

Chris Critelli, Coach, Brock women's basketball team, was interviewed for an April 3 article in the *St. Catharines Standard* entitled "Ex-Badger star earns shot at WNBA," in which she talked of Jodie Ebeling's success as a basketball player. The story also ran in the *Pelham News*.

Robert Dimand, Professor, Economics, was interviewed for an April 14 article by Matthew McClearn entitled "Different This Time? Why It's More Like 1929 Than Anybody Wants to Believe," in *Canadian Business*.

Jack Lightstone, President, was interviewed for an April 11 article in the *Welland Tribune* entitled "Niagara visionary," in which he shared Brock's role in positively transforming the region's economy.

Health and Safety Matters... with on-campus training courses

Mark your calendar: The 2008 Employee Wellness Conference will be held Thursday, June 19. You are welcome to submit suggestions for workshop ideas to oehs@brocku.ca before April 30.

Human Resources, Health and Safety-sponsored training opportunities are listed below.

Registration and further information can be found at www.brocku.ca/hr/training

- **Standard First Aid/CPR Training**, April 28 and 29 (8:30 a.m. to 4:30 p.m.): This program is designed to give you confidence to respond to an emergency situation with skills that can save a life. The Standard First Aid/CPR course covers a variety of topics from basic (such as cardiovascular and breathing emergencies, CPR, prevention of disease transmission) to in-depth topics, such as sudden medical conditions and injuries to the head and spine. Registration required.

- **Automated External Defibrillator Training**, May 1 (9 a.m. to 1 p.m.): Individuals who are certified in Standard First Aid/CPR course may enroll in this Automated External

Defibrillator (AED) training. Although training is not mandatory to use the Brock AEDs, the course helps to familiarize individuals with the units and responding to emergencies. Registration required.

- **Anaphylaxis Awareness Training**, May 1 (9 a.m. to 12 noon): A general awareness workshop for individuals involved in food preparation, service and event planning.

- **Science Safety Seminar**, May 1 (10 a.m. to 1 p.m.): Mandatory training for anyone working in Brock labs. Covers regulations, emergency procedures and hazardous materials

- **Radiation Safety**, May 1 (1 to 2 p.m.): Provides information to radiation users, or those who work in labs where radiation is used. The training includes safety best practices, legislation and more.

- **Biosafety Training**, May 1 (2 to 3 p.m.): Essential information for those working in or with access to bio labs. You will learn prudent practices and important techniques plus understand the regulations and the University's biosafety guidelines.

Faculty and Staff

CHEMISTRY

J. Stephen Hartman presented a poster entitled "NMR Studies of Nitrogen Doping and Spin-Lattice Relaxation in the 4H Polytype of Silicon Carbide" at the 49th Experimental NMR Conference at Monterey, Calif., March 9 to 14. The poster is co-authored with Alex D. Bain and Bob Berno of McMaster University and Chris W. Kirby of the University of Western Ontario.

COMMUNITY HEALTH SCIENCES

Angela Duarte and **Ana L. Sanchez** presented the peer-reviewed poster "Being Free of Tuberculosis: Not Just a Matter of Health" at the 2008 International Conference of Emerging Infectious Diseases held in Atlanta, Ga., March 16 to 19. **Ron Mergl, Duarte** and **Sanchez** presented the peer-reviewed poster "Assessing Exposure to West Nile Virus in the Migrant Workers of the Niagara Peninsula" at the same conference.

DRAMATIC ARTS

Gyllian Raby has been selected to be an Associate Artist in a multidisciplinary residency at Atlantic Artists' Center in Florida. The centre offers a unique interactive intensive where Master Artists select, out of numerous applications from around the world, associates and projects they wish to work with. Poet Tony Hoagland, composer George Lewis and visual artist Rob Pruitt selected Raby and her projects *Moon Patent*, a script about genetic technology, and *Eunoia*, an adaptation for performance of Canadian poet Christian Bok's award-winning book.

EARTH SCIENCES

Dan McCarthy presented the poster "Ambient air quality monitoring using arboreal lichens in Sarnia and Hamilton," at the Best in Science Environmental Science Symposium at the Ontario Ministry of the Environment in Toronto on March 7. The poster is co-authored by **P. Tulumello** (MSc candidate, Brock Earth Sciences) and L. Fiore (Ontario Ministry of the Environment). McCarthy was awarded a \$50,000 grant in February from the Ontario Ministry of the Environment for tracking transportation and industrial sources using lichen community analysis. This study will estimate pollution loads and map air quality gradients along Highway 401.

The Ontario Ministry of the Environment, Environmental Monitoring and Reporting Branch has also awarded a grant of \$150,000 to **McCarthy, Uwe Brand** (Brock Earth Sciences) and Julian Aherne (Trent, Environmental Resource Studies) in support of a three-year study: Monitoring ambient air quality with lichens and tree bark. Lab work led by Brand and Aherne will explore the use of tree bark as a biomonitor and will develop and test low-cost passive sensors for use in measuring nitrogen and ammonia loads. Field studies led by McCarthy will calibrate lichen community composition and tissue chemistry against data from 14 air quality monitoring stations operated by the Ontario Ministry of the Environment. Lichen mapping will be used to estimate and map mean annual SO₂, NO_x and heavy metal deposition in Hamilton, Ottawa, London and Oshawa.

ESL SERVICES

Jim Papple recently presented workshops entitled "Edublogging in ESL" and "Using a corpus-based approach to teaching idioms" at TESL London's Spring Mini-Conference, held in London, Ont., on March 29.

FACULTY OF EDUCATION

Julian Kitchen, Lorenzo Cherubini and **Joe Engemann**, along with Patricia Goldblatt and Deirdre Smith of the Ontario College of Teachers, presented three papers at the Annual Meeting of the American Educational Research Association in New York City in March 2008: "Partners in teacher induction: A collaborative self-study of a partnership between a university and a self-regulatory body for the teaching profession;" "The impact of new teacher-mentor collaboration on new teacher induction case narratives;" and "Exploring professional practice with beginning teachers and mentor teachers through narrative inquiry." At the same conference, **Tiffany Gallagher, Darlene Ciuffetelli Parker, Kitchen, Candace Figg**, and **Shelley Griffin** presented "Establishing and sustaining community: The second year of a self-study group in a faculty of education." **Kitchen**, along with C. Beck, C. Kosnik, J. Caulfield, and A. McClure, presented "Beginning teachers' professional identity: Where did it come from? How did it influence their practice?." **Cherubini**, with L. Volante and S. Drake, presented the paper "Examining the factors that influence administrative responses to large-scale assessment."

Peter Vietgen presented the paper "Carnivale at the Ca D' Zan: The Ringling's Mansion in Cross-Curricular Focus" at the National Art Education Association Conference which was held in New Orleans, La., March 26 to 30.

HISTORY

John Sainsbury has been awarded Yale University's joint Lewis Walpole Library/American Society for Eighteenth-Century

Studies Visiting Fellowship for research on his book project, *The Libertine Challenge: from Rochester to Byron*.

David Schimmelpenninck van der Oye presented a paper, "Know Thine Enemy: The Travails of Russian Missionary Orientology" On April 5 at a Festkonferenz at Yale University in honour of Paul Bushkovitch's 60th birthday. He also gave a talk to the Brotherhood of Anglican Churchmen at St George's Church in St. Catharines on "Why Russians Are Different from Us, but You Needn't Fret," on April 9.

Tami Friedman has been accepted to a National Endowment for the Humanities (NEH) Summer Institute, "Rethinking America in a Global Perspective." This four-week program, based at the Library of Congress in Washington, D.C., will be held June 15 to July 11. The participants will be conducting research, developing curriculum initiatives, and collaborating in efforts to situate their research and teaching of American history in a global context. The NEH is an agency of the U.S. government that supports humanities research and education.

MARKETING, INTERNATIONAL BUSINESS AND STRATEGY

Chang Hoon Oh recently presented the paper "Expanding International Trade beyond the RTA Border: The Case of ASEAN's Economic Diplomacy," at the 49th Annual Convention of International Study Association, in San Francisco, on March 29.

MATHEMATICS

Chantal Buteau organized, together with Christina Anagnostoupoulo (University of Athens, Greece), the Computational Music Analysis Workshop for the April session of the MaMuX: Mathématiques, musique et relations avec d'autres disciplines seminar that took place at IRCAM, Paris (France). At this event, Buteau also contributed two papers: "Computational Analysis Workshop Introduction: First movement of Brahms' Op 51 No. 1 and an Overview of the Proposed Computational Approaches" (with Anagnostoupoulo) and "Topological Spaces of Motives of Brahms Op. 51 No. 1."

PHYSICAL EDUCATION AND KINESIOLOGY

Brian Roy presented "The benefits of milk consumption with resistance and endurance sports" at the 10th Pan-American Dairy Congress, in San Jose, Costa Rica, April 8 to 10.

POLITICAL SCIENCE

Charles Burton spoke on "Current Party Debates on Citizenship and Reform of Party and State Institutions" at the conference Political Change in China sponsored by the Munk Centre for International Studies and the York Centre for Asian Research at Trinity College of the University of Toronto on April 4. Burton also gave evidence as a witness to the Standing Senate Committee on Foreign Affairs and International Affairs on "The Rise Of China, India and Russia in the Global Economy and Implications for Canadian Policy" in Ottawa on April 9.

PSYCHOLOGY

Sid Segalowitz presented "The development and personality correlates of medial frontal cortex activation across adolescence" at the Society for Research in Adolescence, Chicago, March 6 to 9. Segalowitz, along with P. L. Davies and W. L. Gavin, presented "An ERP Study of Error-Monitoring in Adolescence: Correlating Executive Functions to Within-Subject Variability in Brain Response" at the same conference. Segalowitz also presented "Differences in Medial Prefrontal Cortex Activity with respect to Development and Personality across Adolescence: ERP studies of the Error Related Negativity" at the fourth Cuban Congress of Neurophysiology, in Varadero, March 11 to 14.

Publications

Buteau, C.; Camilleri, S.; Fodil, K.; Lacroix, M.-E.; and **Mgombelo, J.** (2008). "Fantasy Fractions: When a Grade 5 Class Creates Computer Mathematics Games," in *The Ontario Mathematics Gazette*, Vol. 46 (#3), pp.26-30.

Stratford voice coach works with student teachers

A world-class vocal coach and the Faculty of Education at Brock University worked together in Hamilton this winter to help new teachers avoid vocal problems in the classroom.

Janine Pearson, Head of Coaching and Head of Voice at the Stratford Shakespeare Festival, taught three-hour workshops that covered the basics of akeeping a voice in good shape. After a discussion segment that showed how the voice is produced and how it is affected by stress and tension in the body, the centrepiece of each workshop had participants on their feet doing a vocal warm-up and working on filling the gymnasium with their voices.

"This was by far the most beneficial professional development activity I engaged in while in the Brock

Cheung, S.S.; Reynolds, L. F.; Macdonald, M. A. B.; Tweedie, C. L.; Urquhart, R. L.; and D.A. Westwood. (2008). "Effects of local and core body temperature on grip force modulation during movement-induced load force fluctuations." *Eur. J. Appl. Physiol.* 103:59-69.

Cherubini, Lorenzo. (2008). "A Grounded Theory Analysis of Beginning Teachers' Experiences: Illuminating Leadership Capacities." *International Journal of Teacher Leadership*, 11, 22-38.

Dywan, J.; Mathewson, K. J.; Choma, B. L.; Rosenfeld, B.; and **Segalowitz, S. J.** (2008). "Autonomic and electrophysiological correlates of emotional intensity in older and younger adults." *Psychophysiology*, 45, 389-397.

Kitchen, J. (2008). "Using Written Feedback to Promote Critical Reflection: A Teacher Educator Responds to Reflective Writing by Preservice Teachers." *Excelsior*, 2(2), 37-46.

Kushner, Joseph and **Siegel, David.** (2008), "Why Don't Municipal Electors Vote?" *Municipal World*, Volume 118, Number 4, pp. 43-45.

Oh, Chang Hoon, and Rugman, Alan M. (2008). "Korea's Multinationals in a Regional World." *Journal of World Business* 43(1): 5-15.

Santesso, D.L., and **Segalowitz, S. J.** (2008). "Development of Error-related ERPs in Middle to Late Adolescent Males." *Developmental Psychology*, 44, 205-17.

Seeber, Barbara K. (2007). "Monkeys, Bullfinches, Cats, and Dogs in Frances Burney's Fiction." *A Celebration of Frances Burney*. Ed. Lorna J. Clark. Newcastle: Cambridge Scholars Publishing, 100-109.

Events

Canadian Federation of University Women-St. Catharines: Anne Marie Guilmette, Associate Professor, Faculty of Applied Health Sciences, will be the guest speaker at the May meeting of the Canadian Federation of University Women-St. Catharines. Her presentation will be about humour. This CFUW Spring Banquet will be held on Tuesday, May 13 at the St. Catharines Golf and Country Club. The reception begins at 6 p.m. and dinner is scheduled for 7 p.m. For further information call 905-935-5674.

School of Fine and Performing Arts

Department of Visual Arts:

Exhibit: Beds that Dream of Bodies, Honours Exhibition: Featuring work by Gustavo Cerquera, Candace Couse, Brian Durocher, Felix Ma, Sara Petranik, Will Postma, Ryan Rivando, and Alex Watts. Until April 27. Rodman Hall Arts Centre, free community event.

Department of Music

Centre for the Arts: Brock University's 2007-08 Professional Entertainment Season continues. All performance start at 7:30 p.m. in the Sean O'Sullivan Theatre unless otherwise stated. Tickets are on sale at www.arts.brocku.ca or by calling the Box Office at 905-688-5550, ext. 3257.

APRIL 2008

Classic Albums Live: The Eagles – Hotel California, April 24 and 25; Sophie Milman, April 26.

Classifieds

Brock staff member seeks temporary summer accommodation, beginning May 1, 2008. Niagara region required, proximity to Brock desired. Please contact Peter McKinley at petermckinley@sympatico.ca or 519-280-1794.

Sixteen faculty members elected to senate positions for multi-year terms

Congratulations to the following faculty who were elected to Senate for the terms indicated.

Twenty nominations were received for the 16 positions available.

Their term of service as members of the 2008-09 Senate begins on the day after Spring Convocation 2008.

For a complete listing of the 2008-09 Senate go to:
www.brocku.ca/secretariat/senate/SENATE-ELECT.pdf

A. For a Three-Year Term (12) ending Spring Convocation, 2011:

- Tansu Barker (Marketing, Int'l Business and Strategy – BUS)
- Tony DiPetta (Pre-Service, EDUC)
- Nota Klentrou (Physical Education and Kinesiology – (AHS)
- Jane McLeod (History – HUM)
- Merijean Morrissey (Visual Arts – HUM)

- Roberto Nickel (Classics – HUM)
- Fran Owen (Child & Youth Studies – SS)
- Gary Pickering (Biological Sciences – M and S)
- Mike Plyley (Physical Education & Kinesiology (AHS)
- Virginia Reh (Dramatic Arts – HUM)
- Angus Smith (Classics – HUM)
- Paul Zelisko (Chemistry – M and S)

B. For a Two-Year Term (1) ending Spring Convocation 2010:

- Jamie Mandigo (Physical Education and Kinesiology – AHS)

C. For a One-Year Term (3) ending Spring Convocation 2009:

- May Bletz (Modern Languages, Literatures & Culture – HUM)
- Kirill Samokhin (Physics – M and S)
- Murray Wickett (History – HUM)

Permanent staff to elect new member for Board of Trustees

Nominations close May 2

The General Bylaws of the Board of Trustees specifies that three members from the permanent staff, elected by the permanent staff members of the University, serve staggered three-year terms on the Board. Permanent staff members who are Managers reporting directly to the President or to a Vice-President are not eligible to serve.

Effective June 30, 2008, there will be one permanent staff vacancy on the Board. Therefore, an election of one representative



Six delegates from North-West University, one of Brock's partner institutions in South Africa, visited Brock between March 31 and April 2. During the visit, delegates met with colleagues in the Faculty of Education to discuss ongoing joint research projects and new joint international initiatives. The NWU delegates met with Dolana Mogadime from Faculty of Education (third from the left). The NWU delegates gave an Academic Colloquium entitled "Democracy, Education Change and Transformations in South Africa: Interdisciplinary Considerations." Petra Engelbrecht, Dean of the Faculty of Education Sciences at NWU, will visit Brock during the week of May 12. For information, contact Sheila Young, at Brock International.

from the permanent staff for a three-year term commencing July 1, 2008, will be held on Friday, May 16. The poll will close at 4:30 p.m. on that date.

Nomination forms are available from the Secretariat Office (ST 1107) and must be signed by at least three members of the permanent staff and the nominee, and submitted to the Secretary to the Board of Trustees no later than 4:30 p.m. on Friday, May 2.

Ballots will be distributed to all members

of the permanent staff on or before Wednesday, May 7. Completed ballots are to be returned to the Secretary to the Board of Trustees, sealed in a provided envelope. Ballots not returned in this manner and by the close of the poll at 4:30 p.m. on May 16, will not be counted.

The candidate leading the poll will be declared elected to the three-year term.

For more information, contact Mike Farrell, Secretary to the University, at ext. 3335.

Brock Briefs

THESIS DEFENCES

• **Tracy MacDonald**, Master of Education student, will present her thesis defence on Thursday, April 24 at 2 p.m. in WH 147 (Welch Hall). The title of the thesis is "Where is the value in education for me? Experiences and Perspectives of Ontario Secondary School Students at Risk of Non-completion of their Ontario Secondary School Diploma." External Examiner: John Freeman, Queen's University; Thesis Supervisor: Mary-Louise Vanderlee; Committee Members: Ann-Marie DiBiase and Alice Schutz; Chair of the Examining Committee: TBA. All are welcome to attend.

• **Catherine Longboat**, Master of Education student, will present her thesis defence on Wednesday, April 30 at 10 a.m. in WH 147 (Welch Hall). The title of the thesis is "Ethical Space in a Secondary School: A Case Study." External Examiner: Celia Haig-Brown, York University; Thesis Supervisor: Michael Manley-Casimir; Committee members: Denise Paquette-Frenette and Merle Richards; chair of the examining committee: Joe Engemann. All are welcome to attend.

Graduate event focuses on digital age

The theme for the upcoming 26th Annual Graduate Conference, sponsored by the Graduate Department, Faculty of Education, is "Research in the Digital Age."

Open to all members of the Brock community, the May 3 conference features research papers, presentations, information workshops and a presentation by guest speaker Kevin Kee, Canada Research Chair of Digital Humanities and Associate Professor at Brock. The event runs from 9:30 a.m. to 4:30 p.m. in Academic South and costs \$25 per person.

The registration deadline is April 18. For further information, contact Lynn Duhaime, Faculty of Education, ext. 3340 or Lynn.Duhaime@brocku.ca

Summer heats up with first biennial Riesling Conference

The Cool Climate Oenology and Viticulture Institute will host the first biennial Riesling Experience – An International Celebration of Style, Structure and Purity on Thursday, July 17. Riesling is becoming the fastest-growing white wine in the world. Learn and taste Rieslings from France, Germany, New York State and, of course, Ontario. For information on the conference, go to www.rieslingexperience.com

Krushelnicki takes on key planning role with province

Bruce Krushelnicki, a Brock graduate and former academic colleague in the Department of Urban and Environmental Studies, has been appointed to a significant dual-role position in the Ontario government: Chief Planning Advisor with the Ontario Growth Secretariat, Ministry of Public Infrastructure Renewal, and Metrolinx, effective April 7.

Krushelnicki is now effectively the chief planning advisor for all new development in the province under the Places to Grow program, as well as the chief planning advisor for the GTAA's regional integrated transportation network, with a 2007 budget of more than \$791 million. Both are important planning initiatives for the province.

CTLET sponsors workshops for instructors

This spring, both Brock faculty and TAs will have an opportunity to learn about the theory and practice of teaching by participating in an Instructional Skills Workshop (ISW), run through the Centre for Teaching, Learning and Educational Technologies. The ISW is a peer-based, experiential instructional development

program, designed to enhance the teaching effectiveness of both new and veteran instructors through practice and feedback in small groups. Registration is limited. ISW take place on April 28 and 29, or on May 14 to 16. To register, call ext. 3933 or e-mail wgilmore@brocku.ca

Big & Little series focuses on large classes

The Centre for Teaching, Learning and Educational Technologies (CTLET) will host the Big & Little Series for Brock faculty, instructors and teaching staff. This is a series of teaching development sessions specifically focused on teaching large classes and first-year experiences.

CTLET will be host a session April 29 entitled "Institutional Support for Large Classes – models & strategies" from 1 to 2:30 p.m., in Plaza 409. For additional information or to register, call ext 3933.

Transitions focus of Best Practices Day

The Centre for Teaching, Learning and Educational Technologies (CTLET) will host its annual Best Practices Day May 6. Concurrent sessions, panels and plenary speakers will take up the theme of Transitions as it relates to student engagement, educational technology, teaching and learning strategies, collaborative initiatives and community engagement.

Mike Ridley, CIO and Chief Librarian, University of Guelph and Nancy Schmidt, Director of the Learning Commons at University of Guelph, will be the plenary speakers and will address the Role of the Learning Commons in Transforming Teaching and Learning. The 2007 Brock Distinguished Teaching Award winner, Dorothy Griffith (Child and Youth Studies, Associate Dean, Social Sciences), will also give her distinguished teaching address.

Best Practices awards will be presented during lunch. Information and registration is available at www.brocku.ca/ctlet

Hamilton campus goes green with composting

Environmental stewardship is a particularly important ethic for teachers to develop with their students. Three of the Hamilton Campus Pre-service teacher candidates have taken this theme to heart, setting an example for their colleagues by organizing and running the Hamilton Campus compost initiative.

The idea for a campus composting program was discussed last school year in Professor Doug Karrow's environmental science class. This year, the team of Jenny Watson, Julie Sclodnick and Jennifer Acheson started planning and implementing a waste diversion and on-site composting program, beginning with a well-publicized trash audit conducted by Karrow's Junior/Intermediate science and environmental studies students.

Next, the team garnered the support of Director of Facilities John Bird and the student liaison council, arranged for the purchase of additional indoor collection bins to supplement the bins purchased last year as well as an outdoor composter, and conducted a campus education campaign. Then, Watson, Sclodnick and Acheson emptied the compost collecting containers from inside the building on an ongoing basis with the help of our custodial staff. A significant amount of waste from the cafeteria, counselling group rooms, the faculty lounge and other meeting places at the Hamilton campus is being diverted to the composter.

The building administration has also joined in by providing fine paper recycling bins throughout the building.