Brock celebrates the Class of 2004

There were many reasons to celebrate at Spring 2004 Convocation, including the graduation of Brock's first two PhD students. Heather Chalmers of St. Catharines, left, graduated on Monday, June 7, with the University's first PhD in Psychology, while Candace Panagabko, also of St. Catharines, graduated the same day with the first PhD in Biotechnology.

More than 2,500 Brock students graduated last week with degrees and certificates in recognition of their hard work and academic commitment, and they received inspiring advice from four distinguished honorary degree recipients.

President David Atkinson also addressed the audience at each of the five Spring 2004 Convocation ceremonies, held from June 7 to June 10 in the Walker Complex. He congratulated graduates on their significant achievement, and noted that graduation is the beginning of a lifelong pursuit of knowledge and understanding.

"Our success as a University is measured by your success," Atkinson said. "Our achievements are measured by yours. This is a moment of pride for all of us, and we should pause to enjoy it."

The following is a sampling of the messages the honorary degree recipients shared with graduates in their Convocation addresses:

Dr. Phil Fontaine

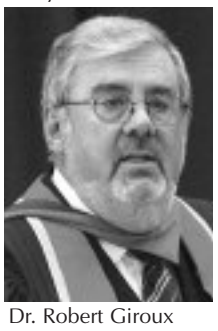
Dr. Phil Fontaine, Assembly of First Nations National Chief: "I have dedicated my life to reaching out to all Canadians to re-build and re-invigorate our historic partnership, to work together people-to-people, government-to-government, and nation-to-nation. The honour you have bestowed on me today is a humbling acknowledgement of my efforts. But I believe it is just as much a magnificent testament to you for recognizing the importance of that work."

Dr. Gillian Dooley

Dr. Gillian Dooley, Executive Director of Women's Place of St. Catharines and North Niagara: "You have worked hard to reach this milestone in your life, and you should be very proud of your achievements. You have learned not only to ask questions, but also which questions to ask and how to search for the answers. You have learned how to teach others to do the same."

Dr. Donald Triggs

Dr. Donald Triggs, President, Chief Executive Officer and a Director of Vincor International Inc.: "What looks like a curveball may in fact be the best pitch you will ever get. You need to play it to find out ... You must follow your instincts. Chase your dreams. Nobody else will do it for you."



Dr. Robert Giroux

Dr. Robert Giroux, former President of the Association of Universities and Colleges of Canada: "In this room, we have the decision-makers, the innovators and the leaders of tomorrow. You and all

Continues on page 2

W E D N E S D A Y , J U N E 1 6 , 2 0 0 4

Brock news

A newsletter for faculty and staff at Brock University, St. Catharines, Ontario

Brock gets SMART once again

The summer has begun for the student staff team of SMART Start 2004.

Excitement is building as preparation is busily taking place to ensure a smooth and polished program for the incoming students and their families.

The purpose of the SMART Start program is to facilitate a positive transition from high school to university for both students and parents.

Brock's guests have a chance to register for classes, get their student ID cards, tour the campus, learn about various student services, and enjoy a meal in the DeCew Residence Dining Hall.

The goal of the SMART Start team is to ensure that students feel comfortable and excited for their first day in September, and that they are equipped with enough Brock knowledge to be successful in their career here.

The guests will be on campus from Monday, June 28, to Friday, August 13. The SMART Start program is offering two Saturdays as well, July 10 and July 17. The Brock community is encouraged to help them feel at home while they are here.

Centre for the Arts celebrates 35 years as Niagara's cultural treasure

Centre for the Arts, Brock University, kicked off its 35th professional entertainment season of music, dance, theatre, comedy, variety, family and young audience performances recently at the 11th annual Members Only event, Sneak Preview 2004.

During the past several years, the Centre for the Arts, Brock University, has steadily built a reputation as one of the premier presenting venues in Canada.

Debbie Slade, Managing Director, remarked that: "The Centre for the Arts is now entering its 35th season of bringing the sounds and sights of the world to St. Catharines-Niagara and this season we offer Global music, jazz, Cajun, folk, pop, Latin and funk; stimulating and thought-provoking theatre, exhilarating and cutting-edge dance companies and legendary storytelling and comedy."

The 2004/2005 Professional Entertainment Season has much to offer with hot ticket events to musical icon **Jim Cuddy; Louise Pitre,** one of Canada's most popular musical performers; funk masters **Tower of Power; The Blind Boys of Alabama** (who sell out Massey Hall every year) and **Ladysmith Black Mambazo** who are best known for their soulful contribution to Paul Simon's album Graceland.

Favourites such as **Jesse Cook, Randy Bachman, The Kronos Quartet,** and **Jim Witter** (performing his tribute The Piano Men with the Niagara Symphony Orchestra) return to Brock. New Orleans jazz giants **The Preservation Hall Jazz Band** and up-and-coming jazz crooner **Denzal Sinclaire** are sure to be crowd pleasers.

The Centre for the Arts also has a great line-up of Canadian theatre with **Tempting Providence, Educating Rita, Chekhov's Shorts,** and the hilarious one-man play, **Wingfield on Ice.**

There is also an amazing array of professional dance comprised of **Ballet Creole's Soulful Messiah,** aboriginal dance from **Kaha: Wi Dance Theatre, Tilt Sound+Motion** and an exciting new work from **Decidedly Jazz Danceworks: Bulla! A Loud Cuban Jazz Experiment,** which has been co-commissioned by the Centre for the Arts!

Tickets for the 2004/2005 Professional Entertainment Season went on sale to the general public on June 14. For more information, contact the Box Office at (905) 688-5550, ext. 3257; www.arts.brocku.ca.

Opening of Term Dinner on Sept. 1

The Opening of Term Dinner will be hosted in the Residence Dining Hall on Wednesday, September 1, at 6:30 p.m., with dinner served at 7:30 p.m.

As in past years, tickets will be available from the Centre for the Arts Box Office, at ext. 3257.

Tickets are $30 each or $240 for a table of eight. Individual tickets will also be available with seating randomly assigned prior to the event.

Those wishing to reserve a table for eight should contact the Centre for the Arts Box Office and a table reservation form will be forwarded accordingly.

All reservations must be received by 4:30 p.m., on Friday, August 20.

Brock celebrates the Class of 2004
Continued from page 1

of your colleagues graduating at Brock and across Canada are key to the success of the global economy. I am privileged to be with you today and I thank you for this great honour."

Due to personal circumstances, Canadian advertising icon Terry O'Malley was out of the country and unable to attend Convocation to receive his honorary degree.

Professor John Lye

English Professor John Lye, who is Chair of Senate at Brock, delivered the Convocation address, offering graduates three key points of guidance: It's your world to make; it only takes one person to change someone's life for the better; hone your skills and be positive, there will always be a place for your talents.

The Spring 2004 graduating class was the University's largest, bringing the total number of graduates in Brock's 40-year history to more than 50,000.

There were many other reasons to celebrate, including the graduation of Brock's first two PhD students, marking a significant milestone in the history of the University as it becomes a more comprehensive institution offering an increasing number of graduate programs.

Heather Chalmers of St. Catharines graduated on Monday, June 7, with the University's first PhD in Psychology, while Candace Panagabko, also of St. Catharines, graduated the same day with the first PhD in Biotechnology.

Best of the Class of 2004

Also on June 7, Kelly Campbell of Cape Breton, Nova Scotia, received the Governor-General's Gold Medal, which is awarded to the student with the highest standing of all graduates in a Master's degree. Kelly, who graduated with a Master's degree in Psychology, is now a PhD student in Psychology at Brock.

The Governor-General's Silver Medal, for the undergraduate student with the highest standing of all graduates in a first honours Bachelor's degree, was awarded to Rahul Shukla of Thorold, on June 8. Rahul majored in Health Sciences.

The students receiving Dean's Medals were:

Faculty of Applied Health Sciences

• Honours Degree: Rahul Shukla of Thorold (Health Sciences).

• Pass Degree: Sabrina Sonia Ciotti of Brantford (Community Health Sciences).

Faculty of Business

• Honours Degree: Jeremy Doan of Beamsville (Accounting Co-op).

Faculty of Education

• Brenda Nicholls of Hamilton (Pre-service Education).

Faculty of Humanities

• Honours Degree: Jordan Diacur of St. Catharines (History).

• Pass Degree: Steven Zaporzan of St. Catharines (History).

Faculty of Mathematics and Science

• Honours Degree: Kevin Arthur Bayne of St. Catharines (Mathematics).

• Pass Degree: Wolfgang Haas of Niagara Falls (Computer Science).

Faculty of Social Sciences

• Honours Degree: Marie Louise Good of St. Catharines (Child and Youth Studies).

• Pass Degree: Allison Nicole Clift of Brights Grove, Ontario (Child and Youth Studies/Education).

In addition, 46 students received Distinguished Graduating Student Awards for obtaining the highest average in their major. One student, Luisa Natale of Niagara Falls, received two awards as a combined major in Italian and Spanish.

Teaching Awards

The University also honoured six faculty for their contributions to teaching as part of the Spring 2004 Convocation ceremonies.

This year's recipients of faculty awards of excellence for teaching are:

• Professor Maureen Donnelly of the Department of Accounting and Finance, in the Faculty of Business.

• Professor Dr. Mei Ling Huang of the Department of Mathematics, in the Faculty of Mathematics and Science.

• Professor Ken Kernaghan of the Department of Political Science, in the Faculty of Social Sciences.

• Professor Jane Koustas of the Department of Modern Languages, Literatures and Cultures, in the Faculty of Humanities.

• Professor Ruth McQuirter Scott of the Pre-Service Department, in the Faculty of Education.

• Professor Ryan Plummer of the Department of Recreation and Leisure Studies, in the Faculty of Applied Health Sciences.

Niagara Symphony kicks off Summer Tour 2004

Celebrate our national holiday Thursday, July 1, when the Niagara Symphony kicks off its Summer Tour 2004 with two free family Canada Day concerts, followed by fireworks at the falls.

Join the full pops orchestra of the Niagara Symphony at 2 p.m. in downtown St. Catharines' Market Square for a free, outdoor, one-hour concert, a part of the City of St. Catharines' Canada Day Family Street Party.

Later that evening, at 9 p.m. in Queen Victoria Park, Niagara Falls, the fun continues with a free family concert, followed by fireworks by the falls, presented by the Niagara Parks Commission (part of the Two Nations Celebration).

Can you guess which of the following songs, chosen by Music Director Daniel Swift to be performed to celebrate our history, are Canadian? Symphonic Suite from Anne of Green Gables? Up Where We Belong from an Officer and a Gentleman? Pirates of the Carribean? Hockey Night in Canada?

Okay, so a couple of those pieces were pretty obvious, but if you guessed "all of the above," you're right!

A special soloist will perform with the Niagara Symphony for this Canada Day.

Erica Eldridge is a 17-year-old singer/songwriter living in St. Catharines, but starting to attract attention on the national stage. She has performed across Canada with Sonics and Fusion Jazz, and has competed in Canadian Idol.

Swift was struck by her recent performance of an original composition, Happy Heartache to Me, and insisted this stellar new talent be given her orchestral debut on Canada Day with the Niagara Symphony.

The Niagara Symphony's Canada Day concerts are sponsored by Scotiabank, with media sponsorship by Niagara This Week. Support has also been provided by the American Federation of Musicians' Performance Trust Fund.

The 2004 Summer Tour continues Saturday, July 17 at 8 p.m. in the amphitheatre of Jackson Triggs Niagara Estate Winery with world renowned soprano Measha Breuggergosman, Thursday, August 5 at 7 p.m. at Historic Fort George in Niagara-on-the-Lake, Friday, August 6 at 7 p.m. at Old Fort Erie, and Sunday, August 8 at 2 p.m. amidst the vineyards of Chateau des Charmes.

For information on these concerts, please visit www.niagarasymphony.org or call (905) 687-4993 ext. 2.

Brock hosts conference for women in science, engineering and technology

The 10th conference of the Canadian Coalition of Women in Engineering, Science and Technology (CCWEST) was held at Brock University, June 10 to 13, and brought together about 100 of the most brilliant engineers, scientists and technologists from across Canada.

At CCWEST 2004, participants learned the latest research in their fields and listened to some of the most dynamic women in the field of science today. The program also included a Community Outreach mentoring session that incorporated local high school students and their parents with the aim of informing them of the careers available in science, engineering trades and technology.

The conference was sponsored by CCWEST and hosted by a special appointment of the Status of Women in Science Committee at Brock.

Brock Briefs...

MA Thesis Defence

A MA Thesis Defence for Luke Potwarka, Faculty of Applied Health Sciences, will be held on Tuesday, June 22, at 2 p.m., in WH147.

The title of his thesis is: A Framework for Understanding the Factors that Impact Spectators' Recall and Recognition of Embedded Sponsorship Stimuli.

Thesis Supervisor: Dr. Paula Johnson Tew; External Examiner: Dr. Ron McCarville, University of Waterloo; Committee Members: Dr. Cheri Bradish, Dr. Bob Copeland; Chair: Dr. Michael Plyley.

All are welcome.

Brock hosts amateur winemakers provincial competition

The annual Amateur Winemakers of Ontario provincial competition was hosted for the fourth year at the Cool Climate Oenology and Viticulture Institute at Brock.

Forty wine judges sipped, slurped and spat their way through over 650 entries during the two-day competition held May 29 and 30. Thirty-four wine clubs from across Ontario were represented. The awards ceremony will be held in Peterborough later this week.

Summer swim registration

Summer swim registration begins on Monday, June 14, at 5 p.m.

Register by calling ext. 4060, with MasterCard or Visa number, or register at the Welcome Desk in the Walker Complex.

Call Debbie McCracken at ext. 4089, or e-mail her at dmccrack@arnie.pec.brocku.ca for details.

Faculty of Education retirement party

Join the Faculty of Education for a celebration in honour of the retirements of colleagues and friends Sandie Bingley, John Bird, Joyce Castle, Ralph Connelly, Lynette Fast and Jim Wagner.

They are all retiring from their positions with the Faculty of Education.

The party will be held on Friday, June 25, at the Lowenberger Residence Dining Hall; cocktails at 4:30 p.m. and dinner at 5:15 p.m.

Tickets are $40, which includes a barbecue dinner (gift only - $20).

Please send your money to Lesa Mansfield, Pre-Service Department in the Faculty of Education, at WH123; ext. 3341.

Get in the Zone!

All Brock faculty and staff are invited to come and work out in the Zone free of charge on June 22, 24 or 29, 12 noon to 1 p.m. Sign up as a group or individually at the Walker Complex Welcome Desk.

Call Ian Young at ext. 3093 for details.

Celebrating 40 years of excellence in education

In 2004, Brock University proudly celebrates its 40th anniversary.

As one way to commemorate this milestone, the Office of University Advancement developed a full-colour poster.

Due to a high level of interest in obtaining a copy, the poster is now available to purchase at the Bookstore for $2.

Brock University

E-Mail submissions to:
campusnews@spartan.ac.brocku.ca
University Web site: www.brocku.ca
Brock News is a publication of the Office of University Advancement.
905-688-5550, ext. 3245
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Editor: **Caroline Bourque Wiley**
Communications Director: **Mike Farrell**

The next issue of Brock News is **Wednesday, June 30, 2004** with a firm copy deadline of **Friday, June 18, 2004,** at 4:30 pm.

PUBLICATION IS EVERY 2 WEEKS
Canada Post Agreement # 40065767

FACULTY AND STAFF

CHEMISTRY

Professor Art van der Est organized the 21st Annual Eastern Regional Photosynthesis Conference at Wood's Hole, Massachusetts, last month. The following papers were presented by him and his students:

• Art van der Est, Sarah Brown, Yulia Pushkar, Dietmar Stehlik, Jens Niklas, Maurice van Gastel and Wolfgang Lubitz. Evidence for Highly Asymmetric H-Bonding to 2,3-Di-substituted 1,4-Naphthoquinones in the A1 Binding Site of Photosystem I.

• Sarah Brown, Julia Pushkar, Irina Karygina, Dietmar Stehlik and Art van der Est. Incorporation of Anthraquinone into the A1 Site of Photosystem I and the Effect on the Rate of Electron Transfer From A0 to A1 and A1 to FX.

• Ingelög Wyndhamn, Art van der Est, Rachel Cohen, John Golbeck, Lee McIntosh. Point Mutation Studies of Electron Transfer in PS I using Transient and CW EPR.

The 87th Canadian Chemistry conference was recently held in London, Ontario. The following contributions were made by members of the Brock Chemistry department:

• **T. Hudlicky,** Chemoenzymatic synthesis of complex natural and unnatural products, invited paper at the Symposium on Emerging Organic synthesis.

• A.D. Bain, M. Khasawneh, R.L. Flemming, and **J.S. Hartman,** A Proposal for Single-crystal Determination of NMR Tensors Using a Standard MAS Probe.

• F.B. Barrett and **C. Metallinos,** Preparation of Planar Chiral Ligands Derived from Hydroxy and Amino Feerrocenes.

Professor Roger McLaughlin attended the EnviroAnalysis 2004 meeting and presented the following paper:

• Adam Ptolomy, Paula Cheese, Min Ding, **Roger L.J. McLaughlin,** and **Ian D. Brindle,** Analysis of Environmental Samples by ICP-AES Using the Multimode Sample Introduction System: Avoiding the Quartz Furnace Atomic Absorption Method.

ENGLISH LANGUAGE AND LITERATURE

James Allard presented Bodies and Spaces in Joanna Baillie's Operating Theatre at the Congress of the Humanities and Social Sciences (for the Association of Canadian College and University Teachers of English) in Winnipeg on May 30.

GEOGRAPHY

David Butz presented the following papers at conferences this spring:

- Trod On: Spatial Ontology, Diaspora and Reggae Music at the Annual Meeting of the Canadian Association of Geographers, Moncton, May 25 to 29;

- Starting from Scratch: The Evocation of Spatiality in Lee Perry's Reggae Sounds at the Annual Meeting of the American Cultural Studies Association, Boston, May 5 to 9;

-Sufferers' Dub: The Articulation of Spatiality in Lee Perry's Reggae Music at the Annual Meeting of the Association of American Geographers, Philadelphia, March 15 to 19.

PUBLICATIONS

Davies, P.L., **Segalowitz, S.J.,** Gavin, W.J. (2004). "Development of Response-Monitoring ERPs in 7- to 25-Year-Olds." *Developmental Neuropsychology,* 25(3), 355-376.

Fujiwara, Takashige; Lim, Edward, C. and **Moule, David C.** "A One Photon LIF and a Sequential Two Photon OODR Excitation Study of the Vibrational Structure of the B1A1 (B,B*) State of Thiophosgene, Cl2CS," J. *Chemical Physics* 119, 741 - 7748 (2003)

Fujiwara, Takashige; **Moule, David C.;** and Lim, Edward C. "Thiophosgene, A Molecule Tailor-Made for Testing the Fundamental Theoretical Concepts of Radiationaless Transitions: Intramolecular Dynamics of S1 Cl2CS," J. *Physical Chemistry* A, 107, 10223 - 10227 (2003)

LeBlanc, P.J.; **Peters, S.J.;** Tunstall, R.J.; Cameron-Smith, D.; Heigenhauser, G.J.F. "Effects of aerobic training on pyruvate dehydrogenase and pyruvate dehydrogenase kinase in human skeletal muscle." *Journal of Physiology* 557: 559-570, 2004.

Liu, Shi-Xia; Neels, Antonia; Stoeckli-Evans, Helen; **Pilkington, Melanie;** Wallis, John D.; and Decurtins, Silvio. "Organosulfur donor with hydroxyl groups and its conducting salt: crystal structures and physical properties," *Polyhedron,* 2004, 23, 1185 - 1189

Panagabko, Candace; Morley, Samantha; Hernandez, Marta; Cassolato, Patrick; **Gordon, Heather;** Parsons, Rachel; Manor, Danny, and **Atkinson, Jeffrey.** "Ligand specificity in the CRAL-TRIO protein family." *Biochemistry* 2003, 42(21), 6467-6474

Peters, S.J. "Regulation of pyruvate dehydrogenase activity and isoform expression: diet and exercise." *Biochemical Society Transactions* 31(6): 1274-1280, 2003.

Rashev, Svetoslav and **Moule, David C.** "Calculations of the Vibrational Level Density in Highly Excited Formaldehyde Chemical Physics," 295, 109 - 117 (2003)

Rinner, U.; Hillebrenner, H.L.; Adams, D.R.; **Hudlicky, T.;** Pettit, G.R. "Synthesis and biological activity of some structural modifications of pancratistatin," *Bioorg. Med. Chem. Lett.* 2004, 14, 2911.

Rozenshtein, V.; Berg, A.; Levanon, H.; Krueger, U.; Stehlik, D.; Kandrashkin, Y.; and **van der Est, A.** "Light-Induced Electron Spin Polarization in the Ground State of Water-Soluble Copper Porphyrins," *Israel J. Chem.* 43, (2003) 373-381.

Segalowitz, S.J. & Davies, P.L. (2004). "Charting the maturation of the frontal lobe: an electrophysiological strategy." *Brain and Cognition,* 116-133.

EVENTS

Niagara New Vintage Festival - June 12 to 27: Join more than 35 internationally acclaimed Ontario wineries at one of Canada's premier spring events, as the Niagara Wine Festival presents the first taste of Niagara's award-winning wines.
A spectacular gala wine evening on Saturday, June 19, begins the second weekend of celebrations with the first taste of Ontario's 2002 and 2003 vintages, paired with wine country cuisine. On the final weekend, the inaugural New Vintage Winemakers' Dinner takes place. Included in the celebrations is the Niagara New Vintage Winery Touring Passport program with special events, tours and tastings at Niagara wineries.
For tickets and complete information, please visit www.niagarawinefestival.com or call 905-688-0212.

CLASSIFIED

For sale: Two-year-old, hardly used 36" JVC TV, $800. Contact Tim or Sharon at 905-984-8643.

For sale: 2000 Dodge Grand Caravan, must sell, moved to Singapore. Loaded, 114,000 kilometres, silver with grey interior. Mint condition. $10,500 or best offer. Call 905-685-1817.

Brock MBA students offer consulting service

Students in the Master of Business Administration program at Brock University are offering a variety of consulting services to the community in the areas of marketing, human resources, financial forecasting and planning, and business strategy.

The Brock MBA Business Consulting Service, which officially opened in May, employs MBA candidates from the University's program. These consultants provide a high degree of professionalism and a range of business experience to help clients cost-effectively solve business-related problems.

"Brock's Faculty of Business is a leader in business education, and this service provides the community with a wonderful opportunity to utilize the knowledge and skills available from our talented MBA candidates," said Professor H.F. (Herb) MacKenzie, faculty advisor for the program. "This service was extremely successful in the past while under the management of our undergraduate Business Administration students. Already we are working with several businesses within the local community."

The two MBA student consultants are Danny Chiu of Thornhill, Ont., and Christopher Schutz of St. Catharines. Chiu has worked in Toronto as a Pension and Benefits Administrator with the Bank of Montreal and as a Commodity Sales Representative with Enbridge Home Services. Schutz is President and Lead Programmer with front9 systems in St. Catharines. He has a PhD in Biology. Other students may become involved when specific skills are needed.

Backed by the knowledge and experience of the Faculty of Business at Brock, the MBA students are able to assist small businesses in such areas as survey research, telemarketing, training programs and manuals, cash flow analysis, budgeting and financial planning, business plans and strategy reviews.

In April of 2003, the Faculty of Business at Brock was accredited by the Association to Advance Collegiate Schools of Business (AACSB) International, which represents the highest standard of achievement for business schools worldwide.

Potential clients of the MBA Business Consulting Service may contact 905-688-5550, ext. 5104, or email bcs@brocku.ca for a complimentary consultation.

Brock's MBA program reinforces integration of subject matter, global aspects of the discipline, ethical consideration, development of communication skills and the use of management of information technology in such areas as e-business, Web-based research and decision support systems.

The Faculty of Business also offers a Master of Accountancy, an International Master of Accountancy, and an MBA International Student Program.