

AlumniGazette

WESTERN'S ALUMNI MAGAZINE SINCE 1939

FALL 2009

WHAT WILL BE THE 'FUEL OF THE FUTURE'?



FALCONRY BUSINESS IS SOARING

INCHING CLOSER TO A CURE FOR AIDS

BOXING DENTIST FIGHTS FOR TITLE

Western

SCHOOL OF GRADUATE AND POSTDOCTORAL STUDIES



"My graduate education at Western was about more than getting a degree. It taught me to think analytically and has opened doors that I never imagined existed."

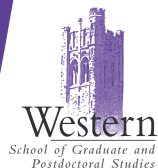
Muhammad Kamran Khan,
MEdSc '05
Geotechnical Engineering

Project Soils Engineer,
Ontario Ministry of
Transportation (MTO)

For Muhammad Kamran Khan 'the rubber hit the road,' when he began his career with the Ontario Ministry of Transportation. Armed with a MEdSc in Geotechnical Engineering, Khan is a soils engineer overseeing 5,000 KM of highways. His latest project? The Detroit River International Crossing where he's using his Western education to build bridges that join countries and connect economies.

To see where a Western graduate degree can take you, visit: GRAD.UWO.CA

The University of Western Ontario



12

DEPARTMENTS

- 05 **LETTERS**
Contraception articles challenged law in 1964
- 08 **CAMPUS NEWS**
Leading edge 'Green Building' opens at Western
- 32 **BEST KEPT SECRET**
The sculpture on University Hill
- 33 **CONSUMER GUIDE**
High tech gadgetry
BY TERRY RICE AND MATHEW HOY

- 35 **MEMORIES**
Remembering the "Snake Dance"
- 36 **NEW RELEASES**
The Big Book of Canadian Trivia
BY MARK KEARNEY, BA'77
- 38 **ALUMNI NEWS**
Alumni Association celebrates 60 years

@ alumnigazette.ca

- ELFRIDA BERZINS AWARD RECIPIENTS (WOMEN'S ATHLETIC ALUMNAE) AND 'W' CLUB HALL OF FAME INDUCTEES
BY KARMEN DOWLING
- CHAMPION ROWERS REUNITE 30 YEARS LATER BY DAVID SCOTT
- AMIT CHAKMA'S FIRST 100 DAYS AS WESTERN PRESIDENT
BY HEATHER TRAVIS, BA'05

CONTENTS

- 17 **ENERGY TO BURN**
Alumnus making fuel from 'pond scum'
BY TOM NUGENT
- 20 **BUSINESS IS SOARING**
Predator Bird Services creates unique niche
BY NICOLE LAIDLER, BA'03, MA'04
- 24 **INCHING CLOSER TO A CURE FOR AIDS**
Race on for human vaccine
BY PAUL MAYNE
- 28 **THIS WON'T HURT A BIT**
Boxing dentist takes title
BY DAVID SCOTT



The University of Western Ontario



EDITOR'S NOTEBOOK

WITH DAVID SCOTT

DRIVE CLEAN FOR 'ONLY' \$129,000

I indulge in lottery fantasies from time to time and dream about instantly paying off my mortgage and making sure my kids have enough money to get through university and get them started. But if I found myself with the 'problem' of independent wealth, there aren't too many things on my shopping list – (after world hunger, war and disease are wiped out in the ensuing Utopia).

But one stands out as we look to the future for alternative fuels and energy sources for our vehicles and homes: a high-performance electric car from Tesla Motors in the green – but economically anemic – state of California. (I'd look closer to home but Western Engineering's solar 'Sunstang' car isn't quite at mass production yet).

As my kids would say, "They're 'only' \$129,000." And the \$12,000 deposit for a Tesla – which is also the cancellation fee if you don't go through with the purchase – is not for the faint of heart or credit limit red-liners. There are seven Tesla locations in the U.S. and another set to open in Toronto in 2010. But if you're really interested, you can preorder one from Toronto Regional Sales Manager Hans Ulsrud (hans@teslamotors.com).

The Ontario Ministry of Transportation hasn't yet laid out its rules and regulations for electric vehicles on our highways but there are big promises of cash ahead for Ontarians from Premier Dalton McGuinty if you purchase a hybrid or electric vehicle on July 1, 2010 or after. (Likely after July 1 if you want to buy a GM-built Chevrolet Volt that we're all part owners of



now. The release date has been pushed back to mid-November 2010).

The province is calling on all Ontarians to support "an ambitious electric vehicle challenge" that will result in one in 20 passenger vehicles on the province's roads being electric by the year 2020: "1 in 20 by 2020." (One in five would be my target).

Some U.S. states like California (now infamous for "killing the electric car" – see documentary of similar name) are further ahead of us here in Ontario. Quebec and B.C. have leapt ahead of us, too. But at least on campus and featured in this issue, Research Western and Western Engineering are leading the way in environmental sustainability and green energy with research into biofuels, solar and alternative energies, and many other initiatives. The recent opening of the Claudette MacKay-Lassonde Pavilion ("the Green Building") puts Western at the head of the pack for green technology.

If I only had a 'spare' \$129,000, I could help the environment, be a leader in new technology in a Tesla and go 0 to 60 mph in four seconds. Until then, a 1996 Camry (and regular oil changes) will have to do.

DAVID SCOTT dscott24@uwo.ca

P.S. All the best for the holiday season and a great year in 2010.

Fall 2009 (ISSN 1189-6272)

Editor: David Scott

Executive Editor: David Dauphinee

Publisher: Helen Connell

Art Director: Terry Rice

Staff, Faculty & Volunteer Contributors:

Steven Anderson, Jess Bechard, Jennifer Davila, Karmen Dowling, Kris Dundas, Susanna Eayrs, Mathew Hoy, Ann Hutchison, Scott May, Paul Mayne, Rob Potter, Matt Quin, Jeff Renaud, Terry Rice, Malcolm Ruddock, Angie Wiseman, Marcia Steyaert, Allison Stevenson, Heather Travis, Kathy Wallis, Andy Watson

Design: themarketingdepartment.ca

Photography: Algenol Biofuels, Brian Hillier, Andrew Kaufman, Rachel Lincoln, London Free Press Collection/Western Archives, Paul Mayne, Jerry Peltier, Terry Rice, David Scott, Special Olympics Canada, Allison Stevenson, Tesla Motors, Heather Travis, Terry Witzu

Advertising Inquiries: Denise Jones, 519-661-2111, ext. 85460; denise@uwo.ca

Editorial Advisory Board: Gary Blazak, MA'79, Carol-Lynn Chambers, BSc'82, MPA'01, Helen Connell, MBA'96, David Dauphinee, Kris Dundas, BA'94, MA'95, Susanna Eayrs, Jim Etherington, BA'61, Matt Quin, Terry Rice, BFA'98, MA'00, Malcolm Ruddock, Marcia Steyaert, BA'96, Janis Wallace, BMus'75, BEd'76

Guest Contributors: David Estok, BA'79 (King's), Nicole Laidler, BA'03, MA'04, John Miner, BA'77, Alan Noon, Tom Nugent, Carly Weeks, MA'04, Paul Wells, BA'89

The Alumni Gazette is published three times annually by the Department of Communications & Public Affairs in partnership with Alumni Western and the Department of Alumni Relations & Development.

For publication dates or to make submissions, contact the editor at 519-661-2111 ext. 87482, e-mail at dscott24@uwo.ca or mail at The University of Western Ontario, Suite 360, Westminster Hall, London, Ontario, N6A 3K7. Forward change of address information to advser@uwo.ca or call (local) 519-661-4176 or (toll-free) 1-800-420-7519.

Printed in Canada.

Publication Agreement #40069342

Return Undeliverable Canadian Addresses to:

University of Western Ontario,
Suite 360, Westminster Hall,
London, ON N6A 3K7

Read the Gazette online at:

www.alumnigazette.ca



MAGAZINE FAILS TO PAY TRIBUTE TO ICON

(Re: Alumni Gazette turns 70, Summer '09)



Typically Western....printing perfunctory 'Purple Pages'.

About the 70th anniversary of the Alumni Gazette, agreed: you published some three paragraphs identifying a 'Campbell McDonald.' But this item (page 12, summer issue) only carbon copies the continuing failure of UWO: to recognize the creative founders of Western's good fortunes. Specifically: Gordon Campbell McDonald.

Simply, he was the true author of the Gazette's current prestige. Obviously your publication has failed to appropriately pay a full tribute to him; and the university has ignored presenting an award to an icon. Pity. Only at Western.

H. AUSTIN WINCH, BA'49 (JOURNALISM)

CONTRACEPTION ARTICLES CHALLENGED LAW IN 1964

(Re: It Happened At Western, Summer '09)



For your "It Happened at Western" section of the Gazette, readers might find the Vol. 35: No.1, December, 1964 issue of the UWO Medical Journal to be of interest.

This issue was focused on contraception. You will note from Virginia Edwards (Meds 66) article P. 12 that in Canada it

was a criminal offence to publish means, instructions, medicines, drugs or articles intended or represented as a method of preventing conception.

The editorial staff and student authors of that issue were all aware that they were challenging current religious, ethical and legal boundaries. As far as we knew, we were the first in Canada to risk the possible legal consequences of publishing information related to contraception.

JACK CHRITCHLEY, BA'61, MD'65
PAST EDITOR, UWO MEDICAL JOURNAL

POINT MISSED: ONLINE IS NOT PRINT

(Re: Letter to our readers, Summer '09)



Looking at the online version of the Alumni Gazette as pointed to by a letter I received with my print copy, I was struck by the disappointing realization that the Alumni Gazette team has missed a web truism: online is not print.

The online version I was pointed to is two things: an Adobe Flash application and, to be blunt, an abomination of web publishing. Flash applications that display the exact printed version of a publication are not a good way to publish online content. The problems with Flash publications have been well documented, but let me reiterate a few of them for emphasis.

First, there is no way to (easily) cut and paste text from the articles. This discourages sharing. It also inhibits simple text searches using built-in web browser functionality; instead, it makes you rely on (often inferior) searches supplied within the Flash application.

Second, the display of the text almost assuredly requires you to zoom in, which means that instead of simple vertical scrolling

to view more text, you're forced to navigate horizontally as well. Further to this, recreation of print means columns, which are great on paper, but awful on digital screens since, again, vertical scrolling is the norm.

Finally, Flash on any platform but Microsoft Windows is slow. Very slow.

Flash has its uses, but distributing textual content is not one of them. As tempting as it may be to recreate the look of print on the web, it has never worked – they are fundamentally different mediums (ask newspapers and magazines). I was encouraged by the fact that all the articles for the same publication are available in more web-friendly format on the Alumni Gazette's website. Enhancing that format is a wiser course of action for the future and should be examined more closely by the publication team.

GEOFF WOZNIAK, BSc'01, PHD'09

Editor's Note: *Aside from the Flash version offered to readers via e-mail, we are continuing an ongoing redesign of our website at: www.alumnigazette.ca that will be more dynamic and not simply a clone of the print publication. Thank you for your feedback.*

DIGITAL VERSION CONVENIENT FOR FAR-FLUNG GRADS

The digital version of the Alumni Gazette must be very convenient and timely for the far-flung grads of UWO, especially the younger ones raised in the computer age.

Being a computer novice myself, I do not enjoy spending time reading from the computer screen. I appreciate the printed hard copy of newspapers, books and magazines, to hold in my hands and read in a variety of settings. I do read the Gazette with interest even though I was at Western for just one academic year for a nursing diploma over 40 years ago and almost never see anything from or about anyone that I knew then.

Should the Gazette no longer publish a paper copy, I would not choose to receive the digital version.

BARBARA (FETTERLY) COPE, DIPNSA'67

READER RELATES TO PAUL WELLS' SUMMER

(Re: Summer in the comfort zone of London, Summer '09)



I really enjoyed the Summer Edition and I appreciate the letter advising that I will continue to receive future editions in print.

You do a great job with the Gazette and I look forward to the future editions, both hard copy and digital. I have to say too that I particularly liked Paul Wells' article regarding his summer in London. I have similar fond memories.

RANDAL FROEBELIUS, BESC'87, MBA'05

FOCUS OF ADMINISTRATION SHOULD ALSO BE ON HUMAN NEEDS

(Re: Bringing Western to the World, Summer '09)

I am very pleased, indeed, to see that Western has departed from the tradition of WASP presidents. However, it seems that Dr. Amit Chakma is focussed on promoting international big business, and sees the world as one of commercial opportunities, rather than one of human needs.

Engineering education has long been a concern to humanists. Queen's University has received a \$10 million donation from a mining engineer alumnus aimed at humanizing mining engineer education. And we know what chemicals can do.

The confusion of rational intellect with social development is increasingly a global issue.



Expanding GDP, ballooning balance sheets, assets, share values and profits, even miserly dividends, are often useful, of course, but it is not the whole story, nor is it the essence of life.

CRAIG PATERSON, LLB'69

EDITORIAL POLICY

Editorial Policy: Publication is at the discretion of the Editor. Letters may be edited for length, style and clarity. Maximum: 300 words. Opinions published do not necessarily reflect those of the Western Alumni Gazette or the University of Western Ontario.

YOUR RIGHT TO PRIVACY

Western respects your privacy. At any time you have the right to request that your personal information cease to be used for alumni programs, to provide information about alumni services, or for fundraising purposes. For more information, please go to the following website: www.advser.uwo.ca/PrivacyStatement.htm or contact Advancement Services: Phone 519-661-4176 or 1-800-420-7519 (Canada & U.S.), Fax 519-661-4182 or email advser@uwo.ca

WE'VE GOT A REAL PAGE-TURNER

Your Alumni Gazette now comes in a handy digital format. Get the award-winning features and bold design of the print magazine, plus some attractive extras:

- Instantly navigate to web sites
- Share with friends and family
- Print and save important features
- Zoom in for a closer look
- Search for names or topics
- Use the handy index to find favourite features
- Moving? We move with you

One click delivers the best in Western alumni news and information.

New 'page-turn' technology makes it more convenient than ever to go digital.



Switch to the new electronic version of Alumni Gazette at: www.westernconnect.ca/gazetteonline

What will YOUR legacy be?



Commitment

Mary's endowed bequest to Foundation Western is an expression of her hope that future generations of students will forever benefit from receiving the kind of education she had at Western.

Hope

Although he may never know Mary, Andrew will receive the best education possible at Western because of a donor's belief that every generation deserves the opportunity to excel.



Invest today for Western's tomorrow.

Making a planned gift to The University of Western Ontario enables our alumni and friends to empower leaders of tomorrow.

By endowing a legacy gift, you transform your commitment into the next generation's hopes, and through Western, *anything* continues to be possible.

Please **make a difference**. Contact Hallie McClelland at hmcclell@uwo.ca or call 519-661-2111 ext. 85585 for more information.

westernmakesadifference.ca/howtogive/giftplanning

- Give a gift of life insurance
- Donate securities
- Reallocate retirement benefits
- Bestow a bequest

MAKE A DIFFERENCE

GREEN BUILDING OPENING KICKS OFF CAMPAIGN



At the opening of the Claudette MacKay-Lassonde Pavilion on October 3 were, from left: Christian Lassonde, BESC'98, Western President Amit Chakma, Kelly Meighen, BA'71, Western Engineering Dean Andrew Hrymak

Photo by Rachel Lincoln

Touted as the cornerstone of sustainable engineering, the Claudette MacKay-Lassonde Pavilion, the first LEED (Leadership in Energy and Environmental Design) certified building on campus, opened its doors during Homecoming celebrations on Saturday, October 3.

The \$22-million, 45,000-square-foot building will house research on green technologies, processes and materials and, at the same time, the building itself will feature advanced environmentally sustainable construction technologies and methodologies.

Western President Amit Chakma says the university's new state-of-the-art teaching and research facility will be a benefit not only to engineering students, but the entire campus and beyond.

"It will no doubt be the birthplace of many new ideas, discoveries and innovations, advancing our notion of a cleaner planet and a greener place to live," says Chakma.

A unique area of the building to be studied will be the green roof, which is covered with a series of flats that include seven species of drought-resistant sedum, a hardy garden plant. The soil and plants insulate the building for sound, along

with increasing efficiency with cooling and heating throughout the year.

A wind turbine and solar panels are also located on the roof to generate electricity for the building.

The building is named for Claudette MacKay-Lassonde, the first female president of the Association of Professional Engineers of Ontario. She has been described as a strong advocate for the role of engineers in society, and tireless in her promotion of the profession as an attractive career for women. She died in 2000 following a battle with cancer.

Her son Christian, a Western Computer Science and Engineering grad from 1997 and 1998, says his mother would say: 'I'm doing what I do because I believe in my profession and I care enough to make a difference.'

"This is an extension of what I, and my family, did to have this building built," he says. "We really believe in our profession – we are all engineers – and we care enough to make a difference, inspired by my mother Claudette."

Engineering Dean Andrew Hrymak says the opening of the building is a landmark day in the history of Western Engineering.

QUICK FACTS ABOUT THE CLAUDETTE MACKAY-LASSONDE PAVILION

The pavilion will be the second green building in London

Western is hoping to get a Gold LEED rating and aiming for LEED certification as it renovates buildings such as Stevenson-Lawson and Physics

Cost differential between regular building standards and LEED is approximately five to 10 per cent, with an estimated cost recovery of five to 10 years

Rainwater from the roof will be collected in a 10,000-litre cistern.

The water will be filtered and used for the toilets

Third floor is mainly Canadian Foundation for Innovation-funded labs

A walking bridge connects Thompson Engineering (third floor) and the green building (second floor)

Atrium includes a garden of bamboo, sweet grass and other plants, along with a 150-gallon fish tank – also using water from the cistern.

"The building, and its research and educational initiatives, are the cornerstone of what we now know as sustainable engineering," he says, adding the building is a prime example of how engineers are taking a holistic approach to benefit society by recognizing performance in human and environmental health, water savings, energy efficiency and indoor environmental quality.

The opening of the new engineering building also gave the university the chance to officially announce the launch of the public phase of Western's campaign to raise \$500 million (2007-2014).

To-date, more than \$136.8 million, or 27 per cent of the overall goal, has been raised. The 2009-10 fundraising goal of \$65 million sits at over \$20.2 million, or about 31 per cent.

SUSTAINABILITY EMBEDDED IN NEW IVEY BUILDING

The Ivey family has reaffirmed its support for the business school bearing its name – this time in the form of an \$8.5-million donation towards a new \$100-million home for the Richard Ivey School of Business.

The recent donation, in addition to a \$6.5 million donation from the family in 2007, is comprised of \$5 million for the new building; \$3 million to establish a program to match unrestricted endowed gifts; \$1 million for initiatives in corporate social responsibility; \$1.5 million for the Lawrence G. Tapp Chair in Leadership and \$4.5 million as a bequest from Richard Ivey. Construction began in late September.

The school's highly regarded undergraduate program has grown 40 per cent over the past three years and is expected to double in size by 2013. The PhD program has tripled in size over the last decade. The new 234,000-square-foot, three-storey facility finally brings all Ivey programs under one roof. Richard Ivey took part in groundbreaking ceremony on September 10 for the facility, which will be built on the west side of Western Road in front of Brescia University College.

The structure will become the second Leadership in Energy and Environmental Design-certified (LEED) building on campus, a designation that recognizes a high commitment to sustainability in the design and construction process. With features such as rainwater collection for irrigation and toilet flushing, geothermal heating and cooling, solar hot water and photo-voltaics and heat-recovery systems, the new Ivey building will be a leader in efficiency.

"We are delighted to contribute to this project and to enhance the experience of Ivey students," says Ivey, adding his father (Richard G.) would have "been thrilled to see the success of the school today."

"The Ivey family has been incredibly generous and consistent in their support for Western and for our Richard Ivey School of Business," says Western President Amit Chakma. "This donation, like others from the family, will have an enormous impact on our ability to ensure that Western remains a leader in research and education."

Also announcing financial contributions at the ceremony were Ivey graduates John Love and Arkadi Kuhlmann, who donated \$2 million and \$1 million respectively. Love, chair of the

new building's task force, is thrilled to support the school's growth.

"This will definitely help us to compete for the best students and faculty, and keep Ivey on top as the best business school out there," says Love. To date, \$82.7 million of the \$100-million goal has been reached.

The federal and provincial governments are contributing \$25 million in infrastructure support, Western is committing \$22.5 million for the current Ivey building which will be converted for other academic needs, and the Ivey campaign has raised \$10.2 million of its \$27.5-million target.

KING'S APPOINTS NEW PRINCIPAL

King's University College has announced the appointment of David Sylvester as its new principal, effective July 2009. Sylvester will replace the retiring Gerry Killan, who served as King's principal for 11 years.

Sylvester, who was born in British Columbia, was president of Corpus Christi College and principal pro tem and vice-chancellor of St. Mark's Theological College affiliated with the University of British Columbia. He is chair of the Association of Catholic Colleges and Universities of Canada (ACCUC) and a founder of the consortium of Theological Colleges. A historian, Sylvester received his BA from Niagara University (NY); his MA from Fordham University (NY) and his PhD from Fordham University (NY).

"Dr. Sylvester's devotion to quality Catholic higher education, his commitment to an inclusive academic culture, his belief in social justice and his collaborative and diplomatic style all contribute to making him the ideal leader and the best fit for King's," says Henry Thus, chair of the board. The board of directors is confident David Sylvester will retain and expand King's growing reputation as a pre-eminent Canadian Catholic college and one of the best undergraduate liberal arts institutions of higher learning in the country.



Helping out with the official groundbreaking ceremony for the new building to house the Richard Ivey School of Business on September 10 is Minister of Human Resources and Skills Development Diane Finley, BA'79, MBA'82, Ivey Dean Carol Stephenson, Richard Ivey, Western President Amit Chakma and London-Fanshawe MPP Khalil Ramal.



Brescia University College Principal Colleen Hanycz sees the launch of the new brand as more than a new look; the university is helping women find their voice and become future leaders.

BRESCIA GOES 'BOLD' WITH NEW BRANDING

Brescia University College is encouraging young women to go boldly into the future and choose to lead. As Canada's only women's university college celebrates its 90th anniversary, The University of Western Ontario affiliate is launching a new brand and tagline, Brescia Bold: Choose to Lead.

"It's more than a new look and a new website... (it) is a promise that we at Brescia are making to our various audiences," said Principal Colleen Hanycz at the brand launch on September 14.

Since being established in 1919 by the Ursuline sisters, an order of the Roman Catholic church, Brescia has helped young women "become wise, articulate, self-confident, socially conscious individuals who are prepared to step up and seize leadership, each in her own way," notes Hanycz. The new brand was developed by Iowa-based marketing firm, Stamats, which focuses on higher education and has experience working with U.S. women's colleges.

Brescia now holds a revised brand statement that encompasses a commitment to students and call to action: "Brescia University College is the transformative learning community for passionate, creative young women who seek to fulfill their personal aspirations and lead boldly in a rapidly changing world."

The words invigorating, student-centred, compassionate and empowering will be guiding attributes of a Brescia education, influencing daily operations, planning and programs. The new direction will be used to "attract donors, heighten awareness for what it is we do and what we stand for, and will entice new students to join us here on the hill in what is – without doubt – one of the warmest campus environments in the country," says Hanycz.

As part of anniversary celebrations, Brescia honoured 12 alumnae who embody "choosing to lead." The Alumnae Trailblazers represent the nine decades of Brescia's history and were the first to achieve a particular distinction as a student or alumna.

For more information: brescia.uwo.ca/about/online_media_room/news_releases.html

ARTS AND SOCIAL SCIENCE TAKES NEW DIRECTION AT HURON



After almost 40 years on the east coast, Oakville-native Mark Blagrove (pictured above) has returned to southern Ontario as Dean of the Faculty of Arts and Social Science at Huron University College. As the head of the largest of two faculties on Huron's

campus (there is also a Faculty of Theology), Blagrove has big shoes to fill. "For me it's a really exciting challenge. It's like directing one of the largest cast plays I ever would have directed," he says.

He comes to Huron from Mount Allison University, located in Sackville, N.B., which has approximately 2,175 students. This is about twice the size of Huron, which boasts a student population of about 1,100. "The attraction of Huron – the reason I responded to the ad in the first place – was obviously the reputation and the size," he says.

Blagrove holds a BA (Hons) degree in English from Mount Allison, and a MA and PhD degree in drama from the University of Toronto. He held positions as sessional lecturer and assistant professor in the Department of English at the University of New Brunswick (Saint John) from 1981-1989. He later became an associate professor and the head of the Department of English at Mount Allison. When he left, Blagrove was a professor of English and the Director of Drama.

Working within such a close-knit university community, Blagrove sees an opportunity for the faculty to refine its academic focus and to differentiate itself from the affiliated college's younger, but much bigger sibling, The University of Western Ontario. He feels it is important for the Faculty of Arts and Social Science to "articulate what it is we do differently and communicate that to a wider public than we've maybe been able to do so far." However, he recognizes the importance of the relationship between the Faculty of Arts and Social Science at Huron and its main campus counterparts, as students often take courses here and at the other affiliated colleges.

WESTERN USHERS IN NEW ERA OF BIOFUELS RESEARCH

The University of Western Ontario opened a new \$5-million biofuel facility October 16 and unveiled the first sale of a university-developed farm harvester that turns



John Milloy, Ontario Minister of Research and Innovation, during the opening of the ICFAR. He was joined by Maria Van Bommel, MPP for Lambton-Kent-Middlesex, Engineering professor and ICFAR researcher Franco Berruti, and Khalil Ramal, MPP for London-Fanshawe.

agricultural byproducts into a material for creating fuels, chemicals and fertilizers.

John Milloy, Ontario Minister of Research and Innovation, led the official opening of the Institute for Chemicals and Fuels from Alternative Resources (ICFAR), located at Western's Experimental Research Farm on Wonderland Road north of London.

"There's enormous global demand for sustainable biofuels and Ontario is in a strong position to seize this opportunity," says Milloy.

Nearly 100 members of the farming community, industry, government, academics and politicians were on hand to open facilities designed to test the next generation biofuel technologies being developed by Western researchers.

WORLDdiscoveries Executive Director Paul Paolatto announced the sale of the first Agri-therm mobile pyrolysis unit to the government of Mexico, though the University of Vera Cruz, for \$1 million. WORLDdiscoveries is the business development office for the university, Robarts Research Institute and Lawson Health Research Institute.

The portable unit can be hauled from one farm field to the next to process waste such as corn husks into a solid bio-char and bio-oil. This material then becomes an eco-friendly ingredient in fertilizers, fuels and chemicals, including environmentally friendly insecticides and pesticides.

The patented, mobile pyrolysis unit has been undergoing testing and revisions for the past several years. Pyrolysis uses heat to break down complex chemical substances into simpler substances.

ICFAR is also expected to house two new energy-related research chairs and provide workspace for visiting scientists and students from Canada and abroad.

The new research facility, led by Engineering professors Franco Berruti and Cedric Briens, will help place Ontario at the forefront of global biofuel research.

ONE-STOP SHOPPING FOR STUDENT SERVICES

In a long-anticipated move this past summer, a variety of services – from financial aid, to the registrar, to international student support – found a new home in the Western Student Services Building. The \$21-million, four-storey space is located close to Western Road, between the University Community Centre and Weldon Library.

"It really helps provide the best service for the student if all the services are working well together," says Krys Chelchowski, director of student information services and administration, who helped spearhead plans for the new building.

The idea to bring all of Western's student services together was in the works three years ago, and is a model many other universities use across Ontario, including Queen's and York universities, she says.

"We were all kind of tucked away in different buildings, whereas this was more designed around the type of programming that's provided by the different areas," she says.

"There has been feedback from students that there wasn't enough space for the programming that they wanted to do. There'll be a lot more... elbow room."

All of the services at the new site report to Western's vice-provost, with a few exceptions. The Teaching Support Centre is still located in Weldon Library and has enough space to operate well, Chelchowski says. Continuing Studies at Western will have representation in the new building, but its headquarters will stay in Galleria London downtown.

The Western Student Services Building also has more features built specifically for certain groups such as the Dr. David S. Chu International Student Centre, which was funded by a \$2-million donation from the Chu family. The money went toward a large meeting space for students where international events can be held. The area will also help provide room for workshops and programs run by all the services in the building, Chelchowski says. The building also has a strong indigenous component in the architecture of the building. The university hired a First Nations architectural company to help plan construction details that would be important to indigenous services, Chelchowski says.

For a full list of the student services in the new building and where they're located, visit wss.uwo.ca/floorplans.cfm.



New Western Student Services Building

Western's researchers on the trail
BY JOHN MINER, BA'77

Photo by Brian Hillier



Pictured (L-R): Lars Rehmann, Rajiv Varma, Hesham El Naggar, Hisham Hafez and George Nakhla

WHAT WILL BE THE 'FUEL OF THE FUTURE'?

In the second floor office in the back of the Spencer Engineering Building, PhD candidate Hisham Hafez and associate professor George Nakhla are talking mols and microbes.

There is a mixture of modesty and pride as they review the results of 120 days of operation of their biohydrogen reactor, a device that puts bacteria to work to convert industrial waste into hydrogen fuel.

The numbers are good, some would call it a breakthrough – 2.9 mol of hydrogen per mol of glucose.

"We are not creating any miracles, don't get me wrong. This is just innovative engineering design," says Nakhla.

Innovative enough to rate a patent application and draw international attention.

Hafez and Nakhla are not alone in what has become a major, multi-pronged race at the University of Western Ontario – develop a new, greener fuel source that will keep the lights on and vehicles on the road in the decades ahead without trashing the planet.

It is an effort that has attracted millions of government and industry research dollars, bringing together faculty from diverse departments and faculties – surface scientists, electrical, computer and civil engineers, Richard Ivey School of Business professors.

And the bets aren't on a single horse.

Western scientists are probing everything from municipal landfills to farm manure pits and sunlight for a viable energy source.

"We have to look at the alternatives and how they address the issues," said Hesham El Naggar, Associate Dean, research and professor in Western's department of civil and environmental engineering.

"Are they going to provide the amount of energy we need, are they going to provide that in a sustainable fashion, and if that is the case, what is the impact on the environment of every option?"

Urgency was added to the work when oil climbed to an unthinkable \$100 a barrel and kept on going to \$144.

The North American oil revolution that started 150 years ago, less than an hour from the university near Petrolia, Ontario at Oil Springs, looked like it was finally fading.

"When it was at \$140 a barrel, it made it real in people's mind that it is going to end at some point," said Lars Rehmann, an assistant professor in the department of chemical and biochemical engineering. With oil slumped back under \$100 a barrel, some of the urgency has subsided, said El Naggar.

But there remains an environmental push. People want a replacement for oil that won't hurt their health.

"It is the quality of air you breathe, the quality of water you drink, the quality of the soil you live on, the quality of agricultural food. If you pollute the ground, the water, the air, it comes back to you." El Naggar expects oil supply concerns will return and it could happen quickly.

"We have the introduction of the Nano as the smallest car, but not necessarily the most efficient car. That will have very significant implications. People will choose to use the car and eventually as the economic prospects

improve, they will want to have a larger car and then an SUV," he said.

"Thirty years ago we spoke about China as a nation that rides bikes, is very healthy, has very

"There will be very significant resistance from the oil companies and we will have to see who wins."

PROFESSOR RAJIV VARMA

efficient means of transportation, but BMW and Mercedes sold more cars in China than they sold in North America over the last decade."

What is clear is there won't be a single energy solution to replace petroleum and new sources won't be as simple as pumping oil out of the ground.



Lars Rehmann, who joined Western's faculty in the spring, has his research sights set on an interim prospect for replacing petroleum – butanol made from biomass, called biobutanol. Eventually, when a battery is perfected, Rehmann expects cars will entirely switch to running on electricity.

"I see butanol as filling the gap for as long as vehicles use liquid transportation fuels. Liquid transportation fuels are great. There is a lot of energy in a very small volume."

And butanol has an advantage over ethanol, the other liquid fuel frontrunner. Unlike ethanol, butanol doesn't like water.

Ethanol's propensity for absorbing water has meant it can't be pumped through existing pipelines and has to be trucked to gas stations, where it is mixed with gasoline. Butanol can be added to gasoline at the refinery.

And while ethanol has 60 to 65 per cent of the energy of the same volume of gasoline, butanol comes in at 90 per cent.

"You can use the existing distribution system and the existing engine.

"That is extremely important," Rehmann said.

Producing it from fermenting biomass, instead of from petroleum, isn't new. The process was developed during the First World War and butanol was made by fermentation until the 1950s.

But there is a problem.

Butanol is lethal to the bacteria that produce it. Once the concentration of butanol becomes too high, it kills the microbe.

For a solution, Rehmann is borrowing from drug companies.

The pharmaceutical company researchers were faced with the challenge of designing drugs that would be released in a specific part of the body. A pill might have to survive the trip through the mouth, through the stomach and into the intestines before it delivered the medication.

They came up with what are called smart polymers, also called smart materials, that change their properties depending on the environment they are in. Rehmann, who is at the early stages of his research, hopes to use smart particles

that will absorb the butanol during fermentation. Once they are removed from the reactor, the particles will be triggered to release the butanol.

"The idea is to remove those particles and to change the conditions a little bit. It could be a change in the temperature, in pH," said Rehmann.

Once the butanol is released, the smart particles would be put back in the reactor to capture more butanol. With the continual removal of butanol, the bacterium wouldn't die and would keep making more and more butanol.

Removing the butanol with smart polymers can be done now. The challenge is to get the butanol back out, Rehmann said.

"That will be a big breakthrough," he said.

As big a payoff as producing fuel, will be extracting other materials during the process that currently come from the petroleum industry.

"Ultimately, everything we use from oil will have to come out of something that grows today. It will be quite a challenge and require changes in all kinds of fields. You can use solar power to fuel an electric car, but you cannot use solar power to make running shoes," Rehmann said.



For **Hafez and Nakhla** working on producing hydrogen from industrial waste with microbes, keeping them alive isn't the challenge. Keeping them producing hydrogen is.

The microbes in a biohydrogen reactor start off making hydrogen, but after a short period another group of organisms take over and produce methane instead. Both are fuels, but hydrogen is a cleaner fuel and has three times as much energy per unit volume as methane.

"Stability is the biggest challenge of these systems," Nakhla said.

Researchers in other parts of the world have reported success in producing hydrogen in a biohydrogen reactor, but most only report on 15 days, 20 days or 30 days.

"The rule of academia is publish or perish. In order to publish people want to tell a good story and a good story happens in the first 30 days because after that the methanogens take over the system and the system fails," he said.

The pair found they could keep the microbes producing hydrogen if they separated the solid biomass from the liquid in the reactor, recycling the biomass through the system.

They have tested their system with fermentation waste from Suncor's ethanol plant near Sarnia.

Instead of switching over to methane production within a few days, the biohydrogen reactor continued to produce hydrogen at 100 days. The yield of hydrogen was also substantially higher than in other reported studies – 75 per cent efficiency compared to about 50 per cent.

The Western engineers have applied for a patent for the system and are discussing building a pilot plant to produce hydrogen at Suncor's facility. That has to be done before a full-scale system is ever considered, said Nakhla.

If a full-scale biohydrogen plant is eventually built at the Suncor facility, it is estimated it could produce hydrogen with an energy value of \$100,000 a day from 6,000 tonnes of organic waste.

"If we are not capturing the hydrogen, the energy is lost," said Nakhla.

But the commercial viability of biohydrogen will in the end depend on a market emerging for hydrogen.

While he believes in the potential of hydrogen as a fuel, Nakhla only sees the biohydrogen reactor as part of the energy answer, not the ultimate solution.

"It is an accomplishment and we are very proud, but it is not a process that can be applied randomly to everything. Like any other technology it has its limitations," he said.

The limitation engineering professor **Rajiv Varma** is working to overcome is what to do with a new source of energy once you have it in hand.

Ontario threw the door open to solar power development when it promised to pay producers 42 cents a kilowatt hour, about seven times the price of conventional power, on a 20-year contract.

"There was a huge rush for people to get into these technologies. Hydro One had about 2,200 applications, people saying please connect me," said Varma.

But hooking relatively small power producers into a transmission and distribution system that was never designed for it is a major technical challenge. That challenge is compounded when power production can vary dramatically simply by a cloud drifting over.

Typically, wind and solar farms are established in remote areas where the load, or demand, on the system is low. If the load drops below the power produced, it can send electricity flowing in the reverse direction on the grid.

"Our systems were not designed to handle power in the reverse direction. It can damage the system," said Varma.

Then there is harmonics.

The power being fed into the grid has to match the electrical wave of the system. If the voltage doesn't, it creates a jagged wave. "This is not good for equipment such as computers. Even your TV, your DVD player wants a clean wave.

"We have a lot of sensitive equipment these days that will not operate with distortion. All these solar farms and wind farms tend to create this harmonics and distortion," he said.

Varma is Western's leader on a project that has been awarded \$6 million by the Ontario Centre of Excellence to solve how to integrate large-scale photovoltaic solar power farms into the Ontario's system.

Sixteen faculty, 10 from Western and six from the University of Waterloo, are working on the project that is backed by major industry players, including First Solar, which is building a 60 megawatt solar farm on 1,200 acres near Sarnia.

Some of the most important work is examining land use policies, he said.

"Ontario wants to go green, they want to invest in renewable technologies with wind and solar farms, but they are both land intensive and you are cutting into agricultural land. The question is what sort of policies should Ontario have so that you can encourage both solar and wind but not cut into agriculture," he said.

Which energy sources dominate the future will have a lot to do with politics and location, said El Nagggar.

For Ontario, the best prospect appears to be biomass, converting crop residues and the byproducts of food processing into chemicals and fuels, like the work being done at Western's newly opened facility, the Institute for



Chemicals and Fuels from Alternative Resources (ICFAR) led by Engineering professors Franco Berruti and Cedric Briens. (Read more about ICFAR on page 10.)

"I can see that becoming a very significant industry here," El Nagggar said. But no one should expect oil to give up its decades of dominance without a fight.

"There will be very significant resistance from the oil companies and we will have to see who wins."

Who says
the world
is running
out of oil?



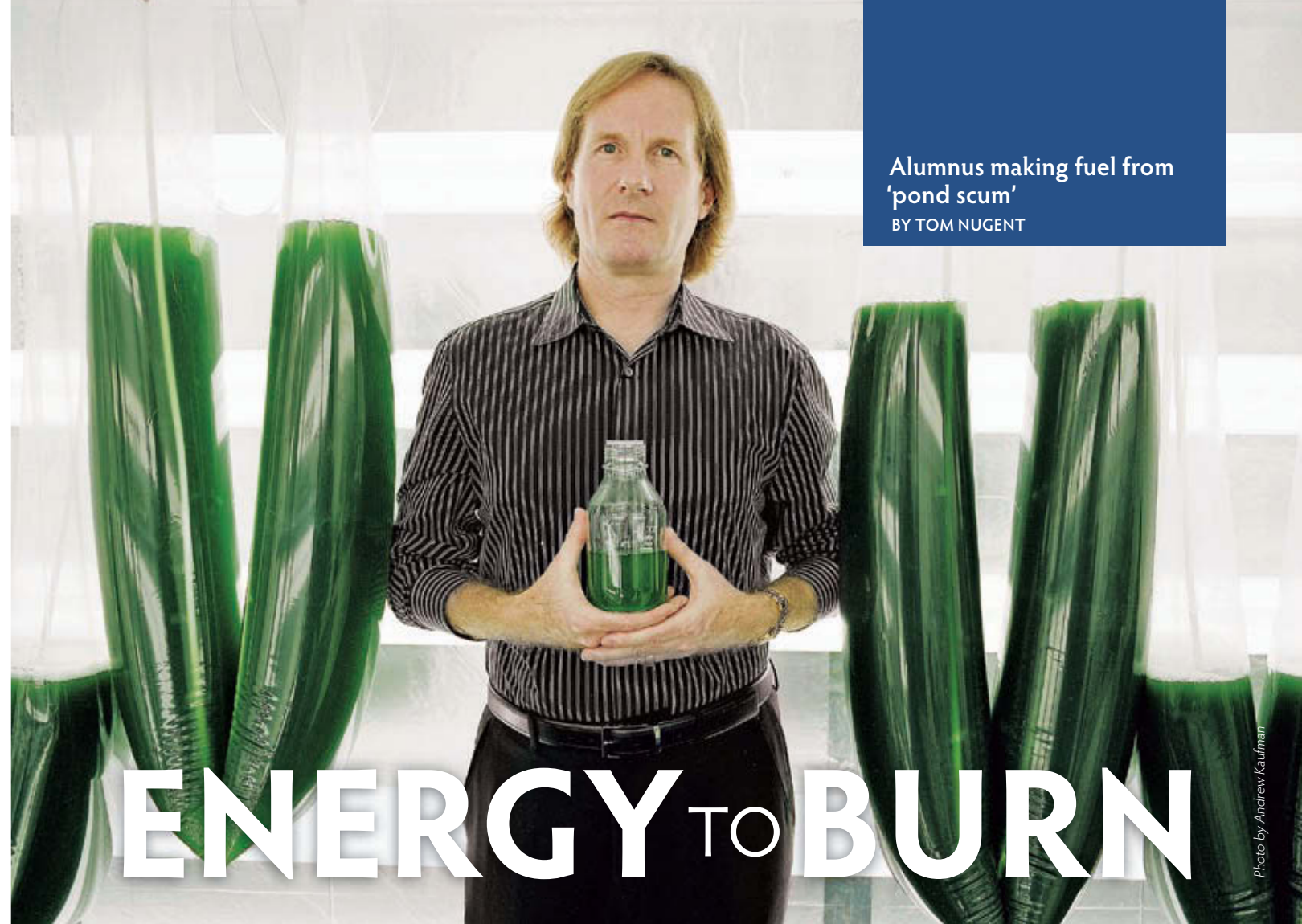
Western researchers are engineering new technology that converts agricultural waste into bio-oil – the essential building block of countless fuels, chemicals and plastic materials. As home to North America's first professional degree program in Green Process Engineering, Western is a leader in the development of renewable resources.

**MAKE A
DIFFERENCE**

Learn more about Green Process Engineering, and how Western is supporting environmental management and a sustainable future.

The University of
Western Ontario

westernmakesadifference.ca



Alumnus making fuel from 'pond scum'
BY TOM NUGENT

ENERGY TO BURN

During 25 years as a highly successful energy entrepreneur, Paul Woods built two companies worth \$170 million and became a major player in the distribution of natural gas all across Canada and the U.S. Now he's poised to embark on the adventure of a lifetime - creating a brand-new "clean energy" technology by using genetically engineered blue-green algae to manufacture low-cost ethanol that he hopes will challenge the oil industry and help to stave off global warming.

He calls it the "Holy Eureka! moment," and he says it took place only a few blocks from Western's campus, back during the spring of 1984.

He was a senior that year, and majoring in biology. Sitting in the living room of a friend's apartment, he was toying with "a truly ridiculous" bit of scientific speculation – the kind of speculation that might provide the plot for a science fiction novel.

What if human beings could make their own food through "photosynthesis," the same way plants do, simply by converting carbon dioxide to sugar in the presence of sunlight?

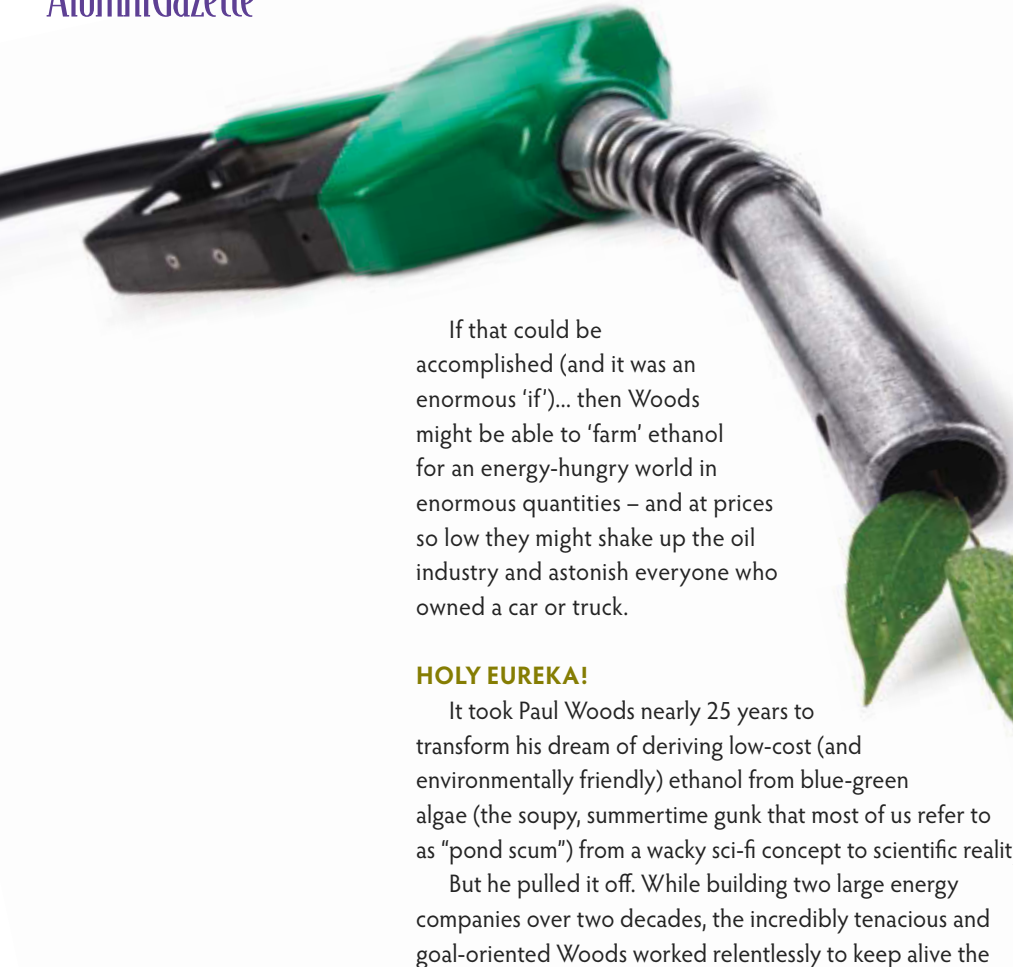
It was an absurd hypothesis, of course, utterly absurd. And yet...

All at once, Paul Woods, BSc'84, sat up straight on his friend's living room sofa.

With a sudden shock, he realized that his ridiculous speculation ("Human beings outfitted with gills, making sugar from sunlight!") might actually make sense... if he applied it to a problem that had been absorbing him for some time in an on-campus biology lab: Finding a way to convince blue-green algae to produce a basic combustion-engine fuel, ethanol, in huge quantities.

Solution: What if Woods were to use state-of-the-art "gene-splicing" technology to 'recombine' the algae DNA with genetic material from another species (yeast, maybe?)... in order to create a form of algae that could produce ethanol in its cells in vast amounts, instead of in the tiny amounts that were normally synthesized there?

Photo by Andrew Kaufman



If that could be accomplished (and it was an enormous 'if')... then Woods might be able to 'farm' ethanol for an energy-hungry world in enormous quantities – and at prices so low they might shake up the oil industry and astonish everyone who owned a car or truck.

HOLY EUREKA!

It took Paul Woods nearly 25 years to transform his dream of deriving low-cost (and environmentally friendly) ethanol from blue-green algae (the soupy, summertime gunk that most of us refer to as "pond scum") from a wacky sci-fi concept to scientific reality.

But he pulled it off. While building two large energy companies over two decades, the incredibly tenacious and goal-oriented Woods worked relentlessly to keep alive the idea that had originally been born in that cluttered apartment near the Western campus, back in April of '84.

Three years ago, after having sold one of his natural gas businesses for more than \$100 million, the never-say-die Woods amazed his colleagues by launching a brand-new company that will, indeed, specialize in creating ethanol from genetically engineered blue-green algae... and then in selling it to a U.S.-Canadian energy market that has seen gasoline prices soar toward the once-unimaginable plateau of \$4US a gallon (3.8 litres) in recent years.

Ladies and gentlemen: meet Paul Woods, the high-flying co-founder and CEO of Florida-based Algenol Biofuels – who says that he's having an enormous amount of fun, these days, as a 47-year-old energy entrepreneur intent on giving oil industry giants like Exxon, Shell and Sunoco the battle of their lives. [Editor's Note: See related story, page 19.]

"Everybody who knows me knows that I'm incredibly stubborn, and that I have a great deal of perseverance," chuckles the entrepreneur today, while reflecting on his two-and-a-half decades of groundbreaking inventions and pioneering startups in the natural gas and bio-fuels industries.

"But we're on our way now. This is a viable product, and we're absolutely convinced that it's going to have a significant impact on the automotive and oil industries within a few years. Starting a company of this kind is a real adventure... and it happened partly because I took a course in genetics in

my senior year at Western, and because that course helped inspire my thinking on energy alternatives for the future."

"EVERYBODY TOLD ME IT WOULD NEVER WORK"

Born and raised in the Toronto suburb of Markham, Ontario, Paul Woods arrived on Western's campus back in the early 1980s and soon discovered that he loved all things having to do with the science of biology.

He also discovered that he had a highly speculative turn of mind... and that he had no intention of following his middle-class parents' "very cautious and very careful" career advice. "My dad was a successful corporate computer engineer and my mom was a hard-working insurance agent," Woods recalls today, "and they both believed that the best thing to do in life was to find a safe corporate or government job and then stay there forever.

"But I soon realized that that kind of career wasn't for me – and I decided as an undergraduate that I was going to try and create a business of my own as an entrepreneur."

Woods had no intention of remaining poor, and within a few years of nailing down his BSc in biology, he was already neck-deep in the creation of a brand-new natural gas enterprise – Alliance Gas Management, which he launched in Toronto in 1989. "I was convinced that we could find a way to sell deregulated gas to major users at prices that were well below what the major suppliers were charging," he says. "Of course, everybody in the energy industry told me it would never work. But we sent out a mass mailing – and within a year or so we had brought in hundreds of large-scale gas users who were eager to pay less for the product.

"What we did was to combine the purchasing power of all these different outfits in order to negotiate rock-bottom discounts for buying in quantity, and it worked like a charm."

Within a few years of launch, Alliance Gas would be earning more than \$100 million in annual revenues, and Paul Woods would be

set for life. After duplicating the marketing feat with another startup in the U.S. in the late 1990s, he retired from the daily marketing struggle and began to focus on his dream of becoming an ethanol czar.

Encouraged daily by his partner John Coleman, a professor of cell and system biology at the University of Toronto who also serves today as his chief scientific officer, Woods came roaring back from retirement in 2006 to launch Algenol Biofuels as an energy start-up that will soon begin competing with the oil industry for energy dollars in Canada, the U.S. and Europe.

Woods has staked his financial future on his belief that the world is ready for low-cost and environmentally friendly ethanol as an alternative to carbon-heavy fossil fuels. But

will the patented Woods-Coleman system for extracting bio-fuel from tanks of algae and seawater produce enough of the stuff – at a low-enough cost – to allow for effective marketing and distribution? Joseph Katz, a professor of mechanical engineering at The Johns Hopkins University who is serving as a consultant on the project, says he's convinced that the Woods initiative can produce ethanol "at sufficient scales to make a difference."

For Paul Woods and his team of 15 Algenol scientists and technicians, the challenge ahead will be daunting. But he says that's precisely what he likes about it.

"I could have stayed retired and sat on the beach for the rest of my life," he will tell you with a smile of quiet determination. "But the challenge involved in finding clean energy at affordable prices is just too exciting – and too important for our environmental future – to resist."

DOW CHEMICAL ANNOUNCES PLANS TO BACK WOODS & HIS DARING 'BIOFUELS' VENTURE

Can Paul Woods actually pull it off? Can the former Western biology major actually produce commercially viable ethanol at \$1.25 a gallon (or about \$0.33 per litre)... while using no arable land and creating no carbon dioxide or other greenhouse gases in the manufacturing process?

Ask Woods why he's so convinced that his unique and patented method for extracting high-octane ethanol from ordinary blue-green algae ("pond scum," to the layman) will work, and the veteran inventor and energy entrepreneur doesn't hesitate.

"What you have to remember here is that we're producing ethanol directly from the cells of the living algae," says the co-founder and CEO of Algenol Biofuels, a Florida-based energy startup which is about to begin building a demonstration ethanol-manufacturing plant in Freeport, Texas. "With our process, you don't have to harvest a crop before you can begin extracting the ethanol."

According to the hard-charging Woods – who says he was "laughed out of a dozen corporate offices, including Sunoco of Canada" when he first began pitching the idea of making auto and truck fuel from algae about 20 years ago – the Algenol manufacturing process can produce 6,000 gallons of ethanol per acre of

land, compared to only 400 gallons per acre that can be extracted from corn.

Adds the Markham, Ontario native, while predicting that his approach will eventually have a major impact on the oil industry and soaring gasoline prices: "We've got a long way to go

yet, but we're actually quite confident that we're going to be able to produce ethanol in large quantities, and probably within the next few years. I'm pretty stubborn and pretty tenacious, and I wouldn't bet against us."

The Woods method for synthesizing fuel for combustion engines from pond scum calls for vast arrays of outdoor troughs that hold seawater. The photosynthetic algae in the troughs are fed carbon dioxide and animal waste in the presence of sunlight, and they respond by synthesizing sugars for food. Later in the process, the genetically altered algae nudge the sugars through a series of enzyme reactions that slowly transforms them into ethanol.

While opinions differ about Woods' chances for ultimate success as a pond scum energy farmer, one major energy industry giant seems convinced that he's onto something big.



Algenol grows algae in troughs filled with saltwater that becomes saturated with carbon dioxide.

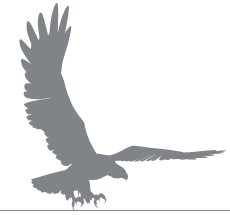
At the corporate headquarters of mighty Dow Chemical in Midland, Michigan, a team of product-research analysts recently announced that the company will back Woods and his Algenol Biofuels startup by helping to construct an ethanol-manufacturing "demonstration plant" with Algenol within the next year.

That project will also be supported by the National Renewable Energy Laboratory and the Georgia Institute of Technology, and Algenol has applied for a major funding grant from the U.S. Department of Energy to help pay for the construction of the Texas plant.

"We're moving ahead at a high rate of speed, and we're all very excited," says the irrepressibly optimistic Paul Woods. "This is a wonderfully exciting time to be working in energy, and there's nothing else I'd rather be doing right now."

Woods wanted to 'farm' ethanol for an energy-hungry world in enormous quantities – and at prices so low they might shake up the oil industry... and he pulled it off

Predator Bird Services creates unique niche
 BY NICOLE LAIDLER, BA'03, MA'04



The seagulls don't suspect a thing. As we pull into the vacant lot behind the abandoned big-box store, the flock continues to bask in the late summer sun, preening their feathers and bathing in the puddles left over from the previous night's rain.

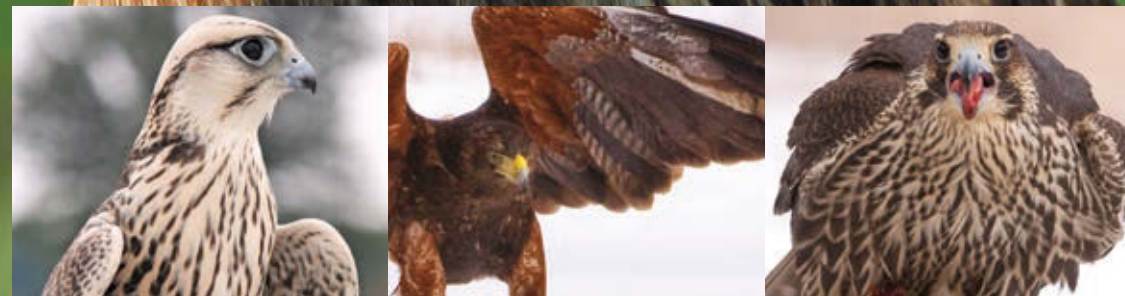
"You might want to stay in the truck," says Stephen Bucciarelli, BA'08 (Huron, Philosophy), as he grabs his equipment and walks to the two crates waiting in the flatbed. When he returns to view, Pandora (pictured on previous page), is sitting motionless on his gloved wrist, her head covered with a tasseled hood.

Still tethered by her leather jesses, Bucciarelli removes the blind. Pandora blinks and tilts her head to take in the surroundings. Kneeling, Bucciarelli prepares to release her for flight. A cloud of squawking gulls fills the air as the three-year-old bald eagle stretches her wings. Evidently, it is time to seek safer pastures.

Bucciarelli is one of the lucky few. He discovered his passion at a young age and now makes a living doing what he loves – working with predator birds.

The 23 year-old is a licensed commercial falconer, but he doesn't use his skills for hunting. Instead, as founder and president of Predator Bird Services Inc., Bucciarelli trains falcons, hawks and his lone bald eagle to drive avian pests like seagulls, Canada Geese, pigeons and starlings away from industrial sites, land fills, high rise buildings and golf courses. The beauty of Bucciarelli's service is that his raptors chase – but don't catch – their prey.

BUSINESS IS SOARING



Photos by Jerry Pelletier



As a boy, Bucciarelli kept every reptile and amphibian he could convince his mother to house. "There was nothing about birds that interested me," he says.

That changed when a Cooper's hawk made the backyard birdfeeder its hunting ground. "He'd come through super-fast trying to catch the birds. It was fascinating to watch and I decided I had to have a hawk."

Bucciarelli consumed books on falconry and went online to meet others interested in the ancient sport. He applied for his hunting license and began the two-year apprenticeship to become a licensed falconer.

"At that point, my mother could see that this wasn't just a passing thing," he says. At 14, Bucciarelli convinced his family to take a detour on their summer vacation. They visited a breeder near Niagara Falls and came home with a Harris' hawk called Jack.

Harris' hawks are friendly and easy to train, Bucciarelli says. They are social by nature, the only bird of prey to hunt cooperatively. Jackrabbits, blue herons, Canada Geese and wild turkey are all fair game in the wild.

Food is the key to any raptor's training, but teaching his birds to harass but not kill is a trade secret that Bucciarelli declines to reveal. His avian staff is weighed every morning, flown, and then fed a precise amount to maintain an optimal level of hunger. "They come back for food," is the most he will say.

As a teenager, funds were limited and Bucciarelli needed to find a way to supplement Jack's diet. At 16, he paid a fateful visit to a London truck loading bay. The area was infested with pigeons, which Bucciarelli offered to clear. "They asked, how much do you charge?" Caught off guard, he answered: "One hundred dollars an hour." Bucciarelli started work the next night.



Food is the key to any raptor's training, but teaching his birds to harass but not kill is a trade secret that Bucciarelli declines to reveal.

Back in the truck, Bucciarelli drives around the empty lot while Pandora soars somewhere overhead. Although trained to follow the vehicle, she would have no problem surviving on her own in the wild, Bucciarelli comments.

Pandora knows she can be the boss, he says, and she could inflict serious damage on a stranger. Working with Pandora is about maintaining the right balance in their relationship, he explains. "She treats me like another eagle. She'll steal my hat, take it up in a tree and then drop it in a mud puddle." And she'll protect her personal space with a hiss – or worse. "It's the beak you've got to watch out for."

The truck stops and Bucciarelli whistles for Pandora to come in. She swoops low over the field, then pulls up to strafe the roof. "That can get a bit hard on the paint job," Bucciarelli laughs.

"You can see how birds just hate Pandora," he says, gesturing to the empty sky. "I don't even need to fly her to scare things away. I just take her out of the truck and every bird in the area will leave." Her exercise over, Pandora returns to his wrist and devours a raw quail.

London's Wolverine Tube had a Canada Geese problem. Hundreds of birds had moved into their parking lot. Droppings ended up all over the copper tubing plant floor, tracked in on worker's boots. Patrolling dogs didn't remedy the situation, so Wolverine's environmental safety supervisor, Kevin Grosbeck, called in Predator Bird Services.

Bucciarelli arrived with a Harris' hawk, his own dog – a Munster Lander named Molly – and some small pyrotechnics. They worked as a team to flush the geese out and chase them away. "Steve actually had Pandora perch on the front of our building overnight a few times, just to make sure they didn't come back," Grosbeck says.

But Canada Geese were the least of Wolverine Tube's avian problems. With open windows and bays, the plant is a haven for pigeons and starlings. "We were having problems with people being – how do I put this politely – dropped on," Grosbeck says. Bird excrement also landed on and stained their finished product.

Traditional sonic bird repellants proved costly and ineffective.

"Not an hour after we put them up, a pigeon was actually sitting on a brand new device,"

Grosbeck says. After two weeks of experimenting with different frequencies, the manufacturer suggested the birds were deaf from spending so much time in the plant. "That ended that deal," Grosbeck laughs.

Bucciarelli came in to assess the situation. The Canadian Wildlife Service issued a permit for his company to humanely catch the avian intruders using strategically placed nets. The birds are then marked and released into the wild. "Stephen's program has been phenomenal," Grosbeck says. "I think he's got the best job in the world."

Finding employment was the last thing on Bucciarelli's mind when he entered Western as a biology major. Although Predator Bird Services wouldn't become an official company until 2007, he was well on his way to making a living with some help from his feathered co-workers.

So when Bucciarelli discovered that he hated laboratory life, it was easy to make the switch to a subject he loved – philosophy. "I went to university for fun," he says. "But I never missed a class."

With Pandora safely returned to her crate, it's time for Apollo to make an appearance. The three-month-old Lanner falcon has only been flying freely for a few days and is hesitant to venture off on his own.

"With these little birds you just have to let them go and play," Bucciarelli says. On a windy day, he would bring along a kite to encourage Apollo on his adventures. "The bird will cruise around, working his way up to the kite, learning about thermals and how to stay up (in the air)," he explains.

Once fully-trained, Apollo will chase pigeons from apartment building balconies. And when he's not working, he will be free to roam the skies high above Bucciarelli's north-London home.

At 2,000 feet, Apollo will have a clear view from Lake Huron to Lake Erie. "No one will notice this little guy," Bucciarelli says. "And if he does get lost, he'll just go up in the sky and look for a landmark."



Stephen Bucciarelli, BA'08, with Peregrine Falcons, Lickety and Split.

MEET THE STAFF

PREDATOR BIRD SERVICES INC.

Founder & President: Stephen Bucciarelli
 Year of Incorporation: 2007
 Number of Employees: 6
 Number of Avian Staff: 16



PANDORA

Bald Eagle (3 years old)
 Weight: Between 10 and 10.5 pounds
 Wing Span: 7 feet
 Native to: North America
 Specialty: The ultimate weapon against Canada Geese and seagulls.

The national bird and symbol of the United States of America, bald eagles can live for 60 years. Pandora's head and tail feathers will turn white when she reaches maturity, at the age of 5.

MARTHA STEWART

Harris' Hawk (4 years old)
 Weight: 2 pounds
 Wing Span: 4 feet
 Native to: Central America
 Specialty: Work as a team to clear Canada Geese and gulls. Bucciarelli's hawks are trained to fly in and out of pick-up truck windows, which comes in handy during the winter months.



Harris' hawks are famous for being the only raptor to hunt in a pack. Martha Stewart was named for her ornery personality and propensity for trouble!

APOLLO

Lanner Falcon (3 months old)
 Weight: Around 400 grams
 Wing Span: 2.5 feet
 Native to: Africa
 Specialty: Small bird abatement, particularly starling and pigeon control.



Lanner falcons have a relatively short life expectancy of only 5 years. Because of their phenomenal speed, they tend to fly into objects that they don't see coming.

INCHING CLOSER TO A CURE FOR AIDS

Yong Kang works towards
a human vaccine
BY PAUL MAYNE

After more than 20 years of labouring on an HIV/AIDS vaccine, The University of Western Ontario's Yong Kang continues to inch closer to what would be an historic moment for mankind - a vaccine to prevent the disease that has taken 25 million lives and sees another 35 million infected worldwide.

Developed by Kang and his team at the Schulich School of Medicine & Dentistry, and licensed to Sumagen Canada Inc., the vaccine completed animal toxicology trials in April and following United States Food and Drug Administration (FDA) approval (pending), will begin Phase 1 human trials for its SAV001 AIDS vaccine.

"The application for the approval of Phase 1 human clinical trials is a very important milestone for our vaccine development," says Kang. "We hope this vaccine is it, and hopefully this vaccine will prevent HIV infection and save millions of lives."

The application for the approval of Phase 1 human clinical trials is a very important milestone for our vaccine development... we hope this vaccine is it, and hopefully this vaccine will prevent HIV infection and save millions of lives.

YONG KANG



Yong Kang

According to the HIV Vaccine Trial Network, after an experimental vaccine has been tested in laboratory and animal studies to determine its safety and immune response, it must successfully complete three stages of testing in people before it can be licensed.

The Phase I clinical trials, if approved, will double-check the safety of the vaccine using HIV positive volunteers. The second stage – Phase II trials – would then assess the immunogenicity of the vaccine.

Human trials are necessary to test the efficacy of the vaccine in protecting against HIV infection because the HIV virus does not cause AIDS-like symptoms in animals, says Kang. However, the immune responses in the animal trials have been promising, he says.

Since the AIDS virus was recognized in 1983, there have been numerous trials through pharmaceutical companies to develop vaccines; however, no commercialized vaccine has been developed to date.

If the vaccine is given the go-ahead to enter into human clinical trials, it will be at least four years before Kang expects to have statistically significant analysis, and possibly allow the vaccine to be marketed.

Through Western, Sumagen Canada has secured patents for the vaccine in over 70 countries in the world, including the United States, the European Union and South Korea. According to the firm, the animal testing has resulted in good antibody reactions in immunology tests, with no adverse effects or safety risks.

Sumagen says it is prepared to begin the clinical trial in the U.S. immediately following FDA approval.

Kang's vaccine uses a killed whole HIV-1, much like Jonas Salk's killed whole polio virus vaccine. The HIV-1 is genetically engineered so that it is non-pathogenic and can be safely injected, and can be produced in large quantities. The idea is the vaccine would prime T-cells to destroy cells harboring HIV, essentially curing a patient of the virus.

"In HIV there are at least six major sub-types, so you have to make a vaccine against each and every sub-type in order to have a really effective vaccine," says Kang. "If this virus vaccine works, then we can use the same strategy to customize the vaccine against different viruses in different regions in the world."

Kang's vaccine has been manufactured at a bio-safety level 3 (BSL3) good manufacturing practice (GMP) facility in the United States.

That may soon change, as London, and Western, are currently one of four organizations on a short list of Canadian cities under consideration by the federal government to build Canada's first HIV vaccine manufacturing facility.

Part of the funding for the secure, ultra high-tech \$88-million HIV vaccine manufacturing facility will come from the Bill and Melinda Gates Foundation.

Kang is hopeful London and Western's bid will be successful, as having a facility closer to home will help his research. It would also be more convenient.

"When we were looking for facilities like this to manufacture our vaccine we could find only a few around the world," he says. "This kind of facility near us would help us to manufacture our candidate vaccine and also future vaccines."

"This is exhilarating and promising news for London," says Ted Hewitt, Vice-President (Research and International Relations) at Western.

"We have our work cut out for us, as I am sure the competition will be tough, but London and Western have a great history of research and manufacturing success. This is exemplified by the leading research of Dr. Yong Kang in developing an HIV/AIDS vaccine."

Mayor Anne Marie DeCicco-Best was hopeful Western and London will have a larger role in curbing the scourge of HIV/AIDS.

"HIV/AIDS has taken more than 25 million lives and today 35 million people are living with HIV," she says. "London now has an opportunity to show that we can play a key role in saving lives around the world. We are ready."

Western and other contenders have submitted a full proposal for the facility, with a decision possibly by year's end.

For Kang, each milestone reached brings his research one step closer to fruition, and the possibility of saving millions of lives.

"We have been working on this project for over 20 years," says Kang. "It has been a long, painful process, but we have gotten to this stage now, to test our vaccine, and see whether or not it can prevent HIV infections. Despite the tremendous amount of scientists working on this project, to date there has not been an effective vaccine."

Kang and his team have invested years getting to this point; even so, they are not alone in having created a vaccine that could potentially curb the deadly toll of this virus.

"At the moment the wisdom of mankind is struggling with this challenge," says Kang.

According to the HIV Vaccine Trial Network, there are 13 ongoing clinical trials, each representing years of work and countless dead ends, each approaching the potential solution in a different way, and each representing hope.

"Over the 20-year period there has been some ups and downs because of the failure of some of the well-known trials. However our strategy is not the same as the others, so in some way we are encouraged to see whether our vaccine strategy will work better," says Kang.

Hewitt says after a long and intensive process, the fact Kang has been issued one of only a very few HIV vaccine patents in the world, is testament to his outstanding years of research at Western.

"He has developed the technology to take it this far in a process where dozens of other potential vaccines, from much larger institutions globally, have failed," says Hewitt. "We are tremendously proud of Dr. Kang's accomplishments to this point."

Kang says while he sees the trials of fellow scientists worldwide fail, which he admits can be discouraging, he is confident his approach to the vaccine is a step others have not taken.

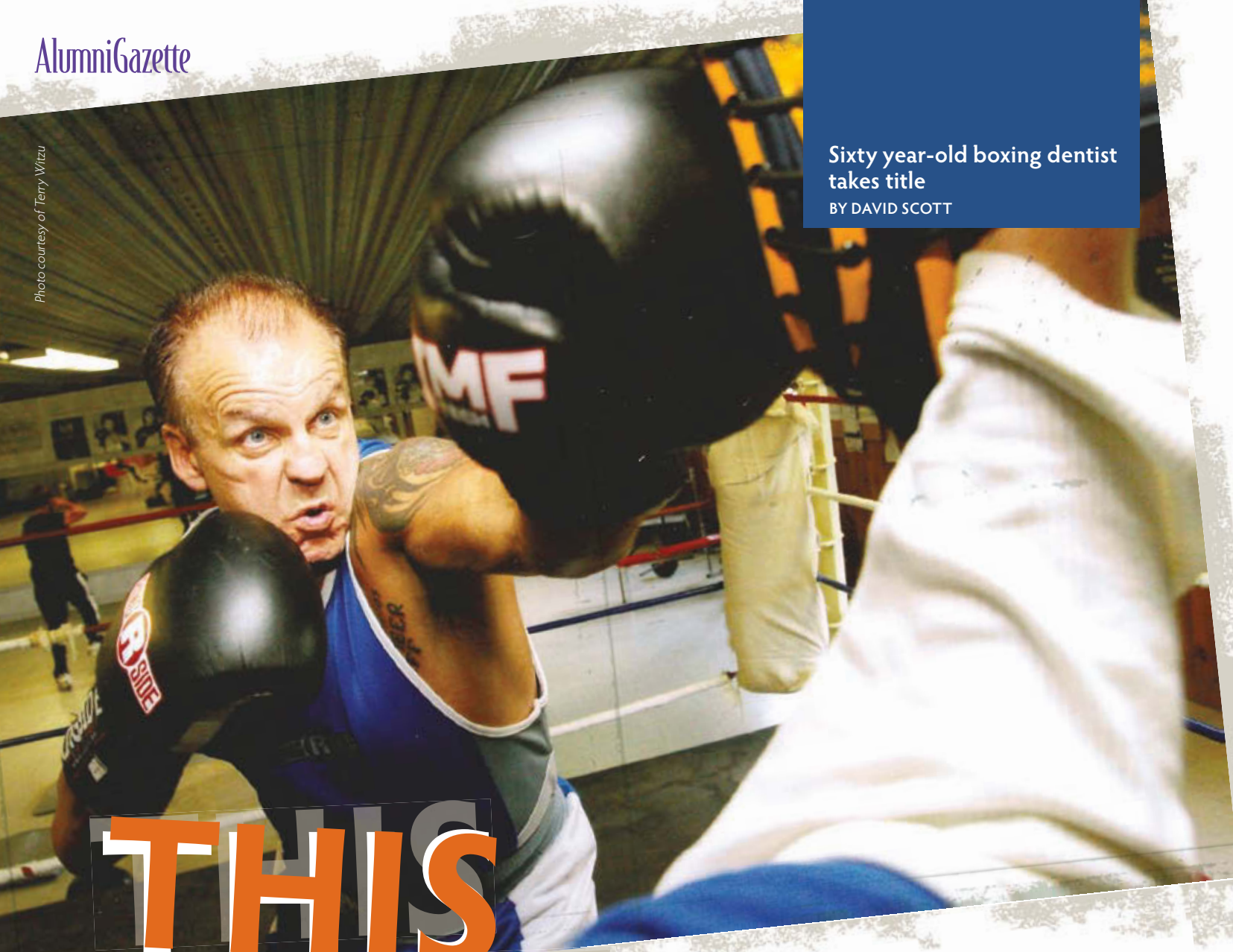
"It has been a tremendous effort to engineer or design a vaccine," says Kang, adding "this type of research and development is so important for humankind to saving millions of lives."

"The success of this vaccine will really help the millions and millions of people around the world affected by HIV/AIDS. We can save lives."

HIV/AIDS has taken more than 25 million lives and today 35 million people are living with HIV... London now has an opportunity to show that we can play a key role in saving lives around the world.



Photo courtesy of Terry Witzu



Sixty year-old boxing dentist takes title

BY DAVID SCOTT

THIS WON'T HURT A BIT

How do you motivate a dentist to win a boxing title? Try hitting him in the mouth.

That was enough to make Terry Witzu, DDS'74, win the Heavyweight Masters Class Amateur Boxing belt at the age of 59 last year in Kansas City, Missouri – a first for a Canadian.

But how does a dentist from Sudbury become a champion boxer – especially only having six official fights before entering the Ringside World Championships?

Well, having a black belt in martial arts from his younger days helps.

As a dental student in the early 1970s, Witzu formed both The University of Western Ontario Karate club and a karate club at Fanshawe College.

"I also used to moonlight as a doorman at the old Back Room on Dundas and at the Bavarian Inn at Westmount to make some money to go to school. So, that was part of my old fisticuff days," said Witzu.

All it took for him to get back to facing opponents in his mid-50s, instead of just regular workouts to stay in shape, was driving down the road past a sign that read: "Learn how to box." And when he decided the boxing club he joined gave him no direction at all and wasn't well organized, he started his own club.

"I saw in the newspaper there was a bunch of equipment for sale out of Hamilton. I, and another coach from another club, went and picked it up and started our own club 'Fight Club' in Sudbury."

When he began with boxing, Witzu thought it would be a great way to get conditioned. With his martial arts background, he literally had hundreds of fights as a younger man and was used to facing opponents in an altercation.

"When I started learning the basics, it came really quickly. In the beginning I wanted to compete. But this particular club I was involved in didn't want to allow people in that stage of their life to compete."

Witzu did some research and found out about the World's Masters Boxing Championships. "After you hit 34, you can't compete in the international amateur arena any more. So, they developed the masters (class) for 40 to 60 year olds as a way people could continue their amateur boxing careers."

The dentist started boxing and winning – even against opponents in their 20s. "I went to the U.S. and fought at least half a dozen professional fighters to hone my skills. That was a lesson in humility. Some of these guys were in their 20s and had 22 knockouts already, professional fights. They could hit hard. But I didn't touch the canvas though. I was pretty pleased."

When he was training, in 2007 he sparred with the Canadian Olympic boxing team – the heavyweight, the super heavyweight, and the light heavyweight boxers. "They didn't get to the Olympic team by fluke – they were good, hard-hitting boxers. Another lesson in humility,"

TALE OF THE TAPE

AGE: 60 HEIGHT: 6 feet WEIGHT: 201 pounds REACH: 56 inches
 Earned heavyweight masters class amateur boxing title belt at 59

FAVOURITE BOXERS: James Braddock (Cinderella Man), George Foreman, 'Marvelous' Marvin Hagler.

SPARRING PARTNERS: Former Canadian Olympian Mark Simmons who finished 4th at the Sydney Games – and played Art Lasky, James Braddock's rival in Cinderella Man, the movie, starring Russell Crowe; also sparred with Bill and Rick Rannelli, two former Canadian champions.

COACHES: Randy Hill and the former European Champion and Canadian Olympic boxing coach Peter Yannacoureas.

Then Witzu caught wind of the Ringside World Championships in Kansas City – 1,500 boxers from 25 countries. It was his chance at serious competition in the ring. "The first time I got there I couldn't believe it because there are seven rings going at the same time. It's a huge, huge event. It's the biggest amateur boxing event in the world."

Witzu competed at the Ringside Championships and came home with the silver medal three years in a row. But 2008 would be different. It was a true 'Cinderella story.'

"I trained like a dog. I actually tore my rotator cuff six months before I went to the final, so I had a lot of therapy to do. And I had three broken ribs just before that. So, I was recovering but I was determined to fight. I had to duct-tape my ribs to hold them in shape while I was training."

With his rotator cuff healed and in prime shape from hard training, he was determined to win.

His opponent was a "pretty tough guy from Kansas City," a hometown favourite and he got in a really good hook, first shot, says Witzu.

"I lost three teeth. Right through my mouthguard. I felt my teeth crack."

That was just the inspiration the dentist needed to win the belt.

"I thought to myself my nose has been broken many times, I have fought with three broken ribs, I've had two broken fingers, I've had cuts on my face. But you know what ticked me off? I'm a f***in' dentist. You don't break my teeth. And I beat him 20-1."

And as a dentist, has he ever felt guilty about hitting opponents in the mouth?

"Never. I never felt guilty about it – because boxing is the one sport where you have nowhere to hide. You have no one to pass the ball to. You can't trade off with another player. You can't ask for a timeout. There's nobody to protect you but you. That guy is coming at you for three solid minutes and you better be in good shape. It's a sport you can get very, very hurt competing in."

Witzu's family had their concerns.

"My wife Marjorie didn't like it. None of my family liked it. In fact the only time they'd watch it was on tape. They would never come and see me fight. I have two kids, my son is 33 and my daughter is 32. They didn't want to watch either. They kept thinking 'Gee Dad, aren't you a little old for this?'"

So is it time to hang up the gloves now that he's won the title?

"For this year I've enjoyed being the champion. I've had offers to fight – but the guys really weren't worth fighting. Not that I want to sound arrogant but they just weren't title ready. Guys want a shot at the title – but fight a few guys first and see if you're ready. I didn't get my title by beating an average fighter."

Witzu, who turned 60 in September, says the promoters are asking him to go back. "If I had to put my signature on the paper today I'd probably say no. You retire undefeated. It's sort of something you should walk away from. But you miss it."

Get a Second Opinion



In these turbulent investment markets, a Second Opinion could bring you the stability you're looking for.

Why Do You Need a Second Opinion?

Uncertain market conditions can leave you trying to balance your own peace-of-mind with your investment needs and goals. We can help guide you through a process to understand where you stand today and will help you to:

- **Understand and prioritize your goals**

Before considering specific investments, it's important to identify your goals and priorities. What do you want to achieve? How much time do you have? What is your risk comfort level?

- **Assess your current portfolio**


We can share with you our investment process, which is designed to help ensure you are in the best position to achieve what you want. This process will define an appropriate asset mix and analyze your existing investments.

- **Make changes where needed**

You will also receive helpful recommendations on how you may potentially get more from your investments, including GICs, mutual funds, RSPs, RRIFs, and RESPs.

Contact us to schedule a Second Opinion today:

■ Call 1.877.464.6104 ■ Email invest@clearsight.ca ■ Visit www.clearsight.ca/western

THE UNIVERSITY OF WESTERN ONTARIO ALUMNI

Sign up online to receive our free monthly e-newsletter, *The ViewPoint*. The newsletter provides timely financial information written by our internal experts as well as recent news about our affinity partners.

www.clearsight.ca/western
1.877.464.6104



ALUMNA AT HELM OF SPECIAL OLYMPICS IN LONDON

BY CARLY WEEKS, MA'04



Photo courtesy Special Olympics Canada

Pictured above: Deborah Bright, president and CEO of Special Olympics Canada, with athlete Marc Thériault at the 2009 Special Olympics World Winter Games in Boise, Idaho. Marc won the gold medal in men's figure skating.

As the final countdown to the Vancouver 2010 Olympics approaches, it's becoming harder to turn on a television without hearing mention of the Winter Games.

But one alumna already has her sights on another Olympic event scheduled to take place on Canadian soil next year – the 2010 Special Olympics. What's more, the upcoming summer games are set to be held on the Western campus.

President and CEO of Special Olympics Canada Deborah Bright, BA'90, MA'92, said organizers are already in high-gear working to secure facilities, recruit volunteers and build momentum for the event, which is expected to draw about 1,300 athletes with an intellectual disability from across Canada.

Although she's only been at the helm for three years, Bright is no stranger to the organization. In fact, she got her start right after graduating from Western, working at Special Olympics Ontario for two years, followed by five years at Special Olympics Canada.

At that point in her career, Bright decided she wanted to switch gears and left the world of sports for a newsroom in Alberta, where she worked as a reporter at the Calgary Herald for seven years.

But when the opportunity to take on a leadership role at Special Olympics Canada came up, she couldn't resist returning to her roots. The appeal wasn't about running the show at a high-profile organization, however. It was about the inspirational stories of athletes, the powerful way sports can instill a sense of pride and achievement in those involved, and being part of a community where trying one's best is regarded as the most accurate measure of success.

"I think sport becomes a vehicle which everyone can relate to," Bright says.

In the years since she started working at the Special Olympics, Bright says the organization has grown tremendously, attracting more volunteers and corporate involvement in the form of sponsorships and work programs for athletes off the field, which has helped change how many Canadians perceive the games.

"There's a greater acceptance," she says. "When you see someone's success, that's all you see at the end of the day."

Bright says much of her success is tied to her days at Western, where many of her experiences would help guide her career, particularly being involved with the Winter Special Games, a yearly event geared toward special-needs students.

"I don't just say that lightly," Bright says. "I was very fortunate to have some great experiences."

While at Western, Bright also forged many ties with faculty members that she has maintained for years. One of them, kinesiology professor in the Faculty of Health Sciences, Darwin Semotiuk, is one of the co-chairs of the 2010 organizing committee.

With just months to go before the big event, Bright is already looking forward to bringing the games to Western and the City of London, a place that holds wonderful memories and helped launch her career.

"To have that on campus and to have the Western sense of pride there, I think it's going to be amazing."



A SCULPTURE FIT FOR THE STARS

BY TERRY RICE, BFA'98, MA'00

Photo by David Scott

Western marked the Millennium by commissioning the "Sky Observation Platform" by Londoner Doug Mitchell on the UC Hill near Talbot College. Spy the North Star through the tube at the Equinoxes! The sculpture, commissioned by McIntosh Gallery, was officially dedicated on September 14, 2000.

Sky Observation Platform is a site-specific, mixed media sculpture located on University College Hill near Talbot College.

Local artist and Visual Arts department technician Doug Mitchell was commissioned by McIntosh Gallery to create the piece that marks the passage of the millennium and celebrates the 2001 Canada Summer Games in London.

The sculpture is dedicated to Mitchell's father E.I. Mitchell and his uncle Dr. Charles G. Drake. "My father used to try to teach me about the constellations. That gave me the inspiration to follow it through and learn more about it (astronomy)... I wanted to acknowledge that in this piece," says Mitchell.

Mitchell's uncle also taught him a lot about the stars and the seasons and took him on his first plane ride to get him closer to the sky. Dr. Drake was sick with cancer when Mitchell received the commission. "I thought a lot about him while I created this piece," he says.

The sculpture, made mostly of steel and Ontario limestone blocks, references the four Southwestern Ontario sites that hosted the Games. The metal arcs track the constellations and the sun's path at equinox. A diagonal copper tube connected to the north-south arc is aligned with the earth's axis and the North Star.

The commission was funded with earnings from the Gillian Saward Memorial Endowment, with a matching grant from the Canada Council for the Arts.



THE ORIGINAL 'SMART' PHONE

In the 1960s it was bumbling secret agent Maxwell Smart of the Get Smart series who had 'mobile phones' that would make the iPhone blush. Whether it was the now famous shoe phone or hidden telephones in his necktie, watch or garden hose, Agent 86 had all the toys. But jump ahead four decades and the latest mobile phone offerings are making the sci-fi more tangible than ever thanks to Wi-Fi.

Oh, and BTW, an Australian engineer, Paul Gardner-Stephen, has developed a working prototype of the shoe phone with a mobile handset fitted in one heel and a Bluetooth headset in the other. He plans to develop a spinoff version of the technology for measuring pulse, blood pressure and other medical information that would be stored in the shoes.

GET DIALED IN WITH THE FABULOUS FOUR

Western's Senior Web Designer, Mathew Hoy and Associate Director (Creative Services) Terry Rice, BFA'98, MA'00, give us the 411 on four of this country's most popular mobile devices and what makes each one unique

IPHONE

APPLE.COM/IPHONE

The iPhone is the media darling smart phone dripping with style and lots of great applications built for it. The latest iPhone includes a video camera and on-board video editing (and publishing). If you're the type who loses things easily, the iPhone can be found again (or remotely wiped to keep secret information secret) with Apple's MobileMe service.

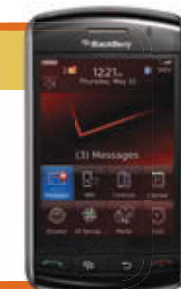


- Huge application catalogue, GPS, onboard video editing
- Lack of physical keyboard, requires iTunes to sync data with a computer

BLACKBERRY STORM

NA.BLACKBERRY.COM

The Blackberry Storm is Apple's main competitor in the touchscreen market. Engineered and built by Canadian company Research In Motion (RIM), the Storm carries on the established reputation of Blackberry devices that have come before it. Like the iPhone, the Storm doesn't have a physical keyboard.

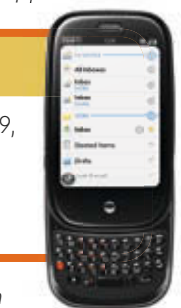


- Reputable brand, touchscreen input, expandable memory
- Arguably too many styles, limited default memory, no Wi-Fi support

PALM PRE

PALM.COM

The Pre, dubbed the "iPhone killer" when it was launched on June 6, 2009, is the latest foray into mobile devices by Palm after the Treo handset device. One of the Pre's unofficial abilities was to sync with iTunes. As Apple updates iTunes, the Pre's ability to sync with it disappears.



- Qwerty keyboard, touchscreen, large memory, supports Wi-Fi
- Some hardware issues with screen problems and overheating

ANDROID

ANDROID.COM

The killer feature of Google's android phone is that it is "open source". It's designed to let anyone build apps for it. It's also set up so that the platform can exist on many different devices from many companies. That means that any handset maker can potentially be a platform for Android.



- Open source, deployable on all, uses Google's app base
- Being open source could lend to hacking, limited application base

Don't let someone steal the time of your life.

Protect the value of your identity today, with this Identity Theft Protection Program special offer.



Identity thieves are collecting personal information 24 hours a day through several technical and non-technical means. Collected data such as SIN #s, driver's license info, PIN #s, and passwords, are amalgamated and sold on the open market to identity thieves who would use the information to commit fraud.

The fact is you cannot stop sophisticated thieves from stealing your identity. What you can do is stop them from using the stolen data to commit fraud. Through this special offer designed specifically for University of Western Ontario Alumni, you can stop identity thieves in their tracks! This program, powered by idAlerts Canada Inc., provides you with a complete solution that includes

- Putting you in control of your information through daily monitoring of your credit bureau file of all available activities reported including credit applications, name changes, address changes, credit deterioration, changing credit limits, etc. and notifying you immediately of those changes;
- Providing you with your current credit report so you can verify your information as it is reported with the TransUnion Credit Bureau of Canada;
- Further protecting you with ample insurance coverage to cover costs associated with restoring your identity should an "identity fraud" occur; and,
- Making sure you're not going through it alone by providing access to professional resources that will hold your hand through the identity restoration process.

Register for as little as \$8.95/month.

Call 1-866-353-3131
or visit www.idalerts.ca/uwo

id Alerts Canada Inc.

A special offer for
University of Western
Ontario Alumni only!

FREE CREDIT SCORE
with your credit report

UP TO 25% OFF
IDALERTS REGULAR
PRICES

(idAlerts regular prices:
TIPS @ \$9.95 mo./\$99 yr. or
TIPS Elite @ \$14.95 mo./\$149 yr.)

id Alerts	TIPS	TIPS Elite
• Daily Credit Bureau monitoring and alert notification of all 13 change elements: address, financial, credit applications, name change, credit rating fluctuations, etc.	✓	✓
• Number of alert channels: phone, mail, sms, or email	Choice of 1	Choice of 2
• Credit bureau reports: view, verify, understand, and manage your current credit status:	Initial	Initial and semi-annual
• Insurance for identity restoration expenses: lost time from work, administration, and legal fees	\$5,000	\$25,000
• Access to professional resources: helping you through the recovery process should fraud happen	✓	✓
idAlerts Alumni Western Special Price	\$8.95/mo. /\$89 yr.	\$10.95/mo. /\$109 yr.



SNAKE DANCE A POPULAR INITIATION RITUAL

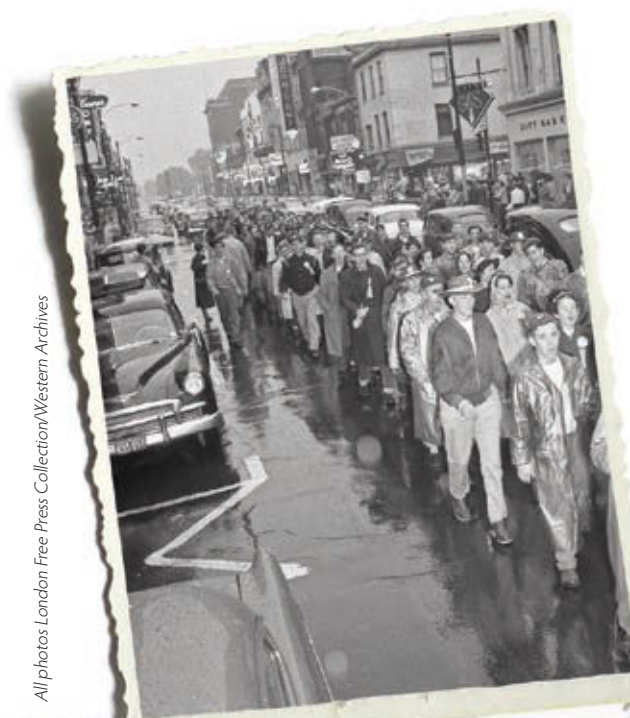
CONTRIBUTED
BY ALAN NOON

During the early years of the twentieth century students at Western adopted a number of 'initiations' to welcome new students to university life. In 1939 many of these activities such as the Tug of War, staged near University Bridge, were interpreted by members of the Board of Governors as a form of hazing and the university ended the practice. Following WWII a popular ritual was the "Snake Dance." Frosh, wearing their Beanies, would gather in Victoria Park forming an unbroken chain of dancers who snaked their way along Wellington Street to Dundas and turning west would end at the Capitol Theatre to watch a movie. London City Police provided an escort and frequently blocked traffic to ensure safety of the students.

Public complaints about over zealous students opening car doors and snaking their way through vehicles and out the other side along with a general rise in rowdy behaviour began to put a damper on the tradition. In 1960 the journey from the Park to the Capitol had been virtually reduced to a walk. By the mid-1960s the Snake Dance was just a memory.

Photographs (clockwise from top): Frosh along Dundas Street September 23, 1953; Snake dancing along Dundas Street September 28, 1948; Snake dance September 25, 1953 ends at the Capitol Theatre; Beginning the 1957 Snake Dance in Victoria Park September 27

All photos London Free Press Collection/Western Archives



NEW RELEASES

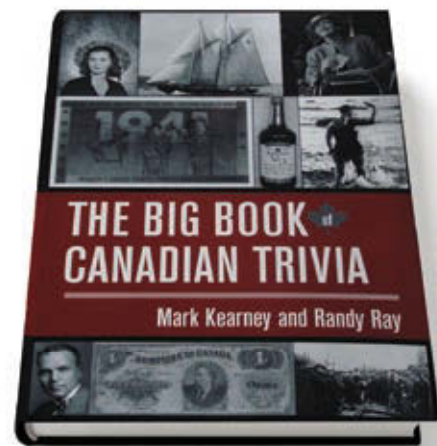
THE THIRTEENTH ONE

What would you do if, during the Depression, you are the poor mother of 12 children, some who need medical attention, and a rich childless woman comes to you and is willing to help you save your farm if you will give her your unborn child? London's own **Denyse Gervais Regan, BA'82**, brings us *The Thirteenth One*, an account of her family's determination to make it through the Depression despite failing crops, a ruthless bank manager and too many mouths to feed. Book orders at: ldregan@sympatico.ca or visit denysegervaisregan.com



THE BIG BOOK OF CANADIAN TRIVIA

The Big Book of Canadian Trivia is a "greatest hits" book that contains the best Canadiana from **Mark Kearney, BA'77**, and Randy Ray's previous eight books, plus a considerable amount of new material. Readers will find all the trivia and facts about Canada they need to know. All regions and provinces are covered, as well as important Canadian figures like John Molson, Elizabeth Arden and Russ Jackson. www.triviaguys.com



CANADIANS IN SPACE: THE FOREVER FRONTIER

Veteran writer **John Melady, BA'62** (King's), has recently released his 15th book, *Canadians in Space: The Forever Frontier*. On October 5, 1984, Marc Garneau became Canada's first astronaut when he rocketed into space from a launch pad at Cape Canaveral, Florida. In doing so, Garneau became a national hero. Seven of his fellow citizens followed in his footsteps, many more than once. This book was written as a 25th anniversary tribute to these brave men and women. amazon.ca/Canadians-Space-Frontier-Henry-Champ/dp/1550029401



SPEAKING FOR OURSELVES

Speaking for Ourselves: Environmental Justice in Canada is a new book edited by **Randolph Haluza-DeLay, PhD'07**, an assistant sociology professor at King's University College in Edmonton. *Speaking for Ourselves* draws together scholars and activists -- Aboriginal and non-Aboriginal, established and new -- who bring equity issues to the forefront by considering environmental justice in specifically Canadian cases and contexts and from a variety of perspectives, including those of First Nations and women. www.ubcpres.ca/search/title_book.asp?BookID=299172596



BIRD CHILD

Bullying and the ability to rise above it are at the heart of the strikingly beautiful picture book *Bird Child* by **Nan Forler, BEd'88**. All school-aged children have either bullied, been bullied, or witnessed bullying, and all too often, they feel powerless to stop it. Such is not the case with Eliza. Her mother has given her "wings to fly" and the ability to see all the possibilities. Forler's text is complemented beautifully with François Thisdale's haunting images. www.mcclelland.com

A IS FOR ARIA

Dawn Martens, MA'87, is known worldwide for her work with young children and opera. Her opera productions at Buchanan Park Public School in Hamilton have garnered rave reviews and teaching awards. Her first book, *A is for Aria*, is an alphabetized journey through the amazing world of opera. Using rhymes and brief explanatory notes, Martens brings student drawings to life while delving into all aspects of opera production. www.bpoc.ca or www.firstchoicebooks.ca

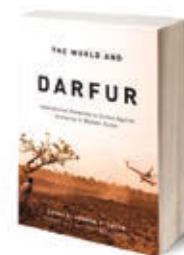
RAISING THE BAR

Raising the Bar -- Preventing aggression in and around bars, pubs and clubs by **Kathryn Graham, PhD'88**, Senior Scientist and Section Head at the Centre for Addiction and Mental Health (CAMH), UWO Research Park, shows why drinking establishments are high risk for aggression,

why some establishments are riskier than others, the effectiveness of existing interventions and policies, and the importance of better regulatory models for achieving safer drinking establishments. willanpublishing.co.uk

AUTHOR AND GET RICH

Glenn Dietzel, BSc'87 (Biology), author and 'infopreneur' guru, demonstrates to "fast write" a moneymaking book in less than 12 hours and build a business focused on multiple streams of income in *Author and Get Rich*. Five years ago he replaced the combined income of himself and his wife in 127 days and launched an authoring and e-publishing company that quickly caught the attention of e-publishing giant Adobe. He created an authoring process that teaches how to fast write a book and make money. www.AuthorAndGetRich.com

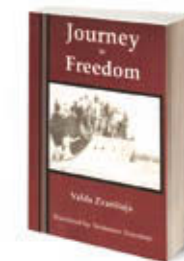


THE WORLD AND DARFUR

The crisis in Darfur has led to systemic and widespread murder, rape, and abduction, as well as the forced displacement of millions of civilians. *The World and Darfur*, edited by **Amanda F. Grzyb, BA'94, MA'96**, assistant FIMS professor at Western, brings together genocide scholars from a range of disciplines -- social history, art history, military history, African studies, media studies, literature, political science, sociology -- to provide a cohesive understanding of the crisis in Western Sudan. <http://mqup.mcgill.ca/book.php?bookid=2336>

UNVEILING THE BREATH

Unveiling the Breath: One woman's journey into understanding Islam and gender equality by **Donna Kennedy-Glans, LLB'84**, tackles the pressing issue of changing roles that men and women confront in a globalizing world. It explores the whole issue of gender within the Islamic world, that the author has observed firsthand through humanitarian work and as the first female VP of Nexen Inc., a Canadian-based energy company operating in Muslim countries. All proceeds from this book go to advancing gender harmonization. www.canadabridges.com



JOURNEY TO FREEDOM

In *Journey to Freedom*, **Valdemars (Woody) Zvanitajs, BA'70**, has translated and expanded on his mother's true story of a family torn apart by WW II. The book describes the difficulties faced and the obstacles overcome by Valda Nadolskis and her boys during their four years in Sweden and the unlikely journey across the Atlantic Ocean in a small surplus Navy trawler to begin a new life in Canada. www.volumesdirect.com



MORE THAN LIFE ITSELF

More Than Life Itself: A Synthetic Continuation in Relational Biology by mathematical biologist **Aloisius Louie, BSc'78, MA'79** (Mathematics) explores how biology is a subject concerned with organization of relations. Life is not characterized by its underlying physiochemical structures, but by its relations: what they do, and to what end. In other words, life is not about its material cause, but it is intimately linked to the other three Aristotelian causes, formal, efficient, and final. www.ontosverlag.de



THE ORANGE CODE

In *The Orange Code, How ING Direct Succeeded by Being a Rebel with a Cause*, **Arkadi Kuhlmann, BA'71, MA'72**, founding CEO of ING Direct USA, tells the story

of how since 1996, ING Direct has grown from a mere concept to a global enterprise, with more than 20 million customers in nine countries. From the time this Internet-based direct bank first launched in Canada, it focused on serving ordinary people who felt abandoned by today's money-hungry banks. <http://theorangebook.com>



THE LAWSON SITE

Western graduate **Jacob M. Anderson, MA'05, MLS'07**, has compiled an authoritative book on the Neutral Iroquoians who occupied southwestern Ontario in the fourteenth to early sixteenth centuries, *The Lawson Site: An Early Sixteenth Century Neutral Iroquoian Fortress* (Museum of Ontario Archaeology, Special Publication No. 2). It contains descriptions of all of the major artifacts classes discovered on the Lawson archaeological site in northwest London, and interpretations of those artifacts. For purchases, contact the Museum at 519-473-1360. www.uwo.ca/museum



THE PRACTICE OF HER PROFESSION

The Practice of Her Profession: Florence Carlyle, Canadian Painter in the Age of Impressionism by **Susan Butlin, BA'81**, tells the story of Florence Carlyle (1864-1923), born in Galt, Ontario, who emerged as one of the most successful Canadian artists of her time. Trained in Paris, she worked in New York City and Canada, cultivating a career as a popular portrait and genre painter. Butlin draws on unpublished letters and family memoirs to recount Carlyle's personal and professional life. <http://mqup.mcgill.ca/book.php?bookid=2319>

60TH YEAR FULL OF PROGRESS & PROMISE BY DAVID SCOTT



photo by Rachel Lincoln

A positive feeling of challenge and change was in the air at Western Alumni Association's 2009 Annual General Meeting (AGM) at T.D. Waterhouse Stadium October 1 to kick off Homecoming 2009.

Association President Carol-Lynn Chambers, BSc'82, MPA'01 welcomed all in attendance and said each year the face of campus changes. "What is constant is the spirit, passion, and pride that drives all of our efforts... Our goal as an Alumni Association remains a lofty but reachable one – 'to offer the best alumni experience.'"

Chambers announced that 2009 marks the 60th anniversary of Western's Alumni Association. She shared some highlights of the year "from all corners of our alumni community."

- A new commitment to two-way communication with our alumni including enhanced use of the Alumni Gazette, Western News and Purple Flash to promote initiatives of the Alumni Association

- Continued expansion of alumni outreach efforts with the redevelopment of our Edmonton Branch and our first event for alumni in the Silicon Valley
- Continued progress in meeting all of our goals and objectives in our Strategic Plan (developed with the help of alumni)

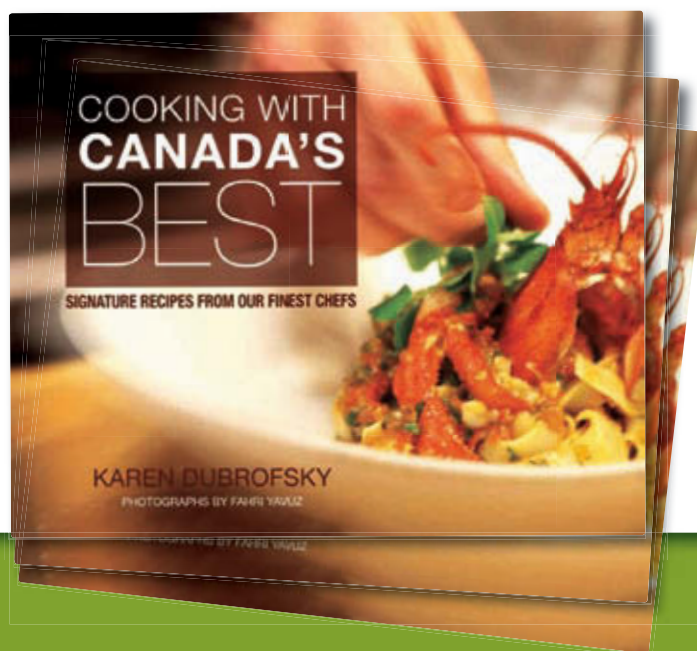
NEW CANDIDATES FROM NOMINATING COMMITTEE

Two new directors were introduced and approved for the Alumni Board of Directors at the AGM: Deborah Cupello, BA'98, BEd'99, MEd'06; and Eric Saarvala, BA'95.

Chambers also introduced incoming Association President Chris Makuch, BA'93, who will take over as president next fall.

Alumnus Ron McClatchie, HBA'60, MEd'87, accepts the second annual Spirit of Western Award from President Amit Chakma on behalf of Senior Alumni members.

Cooking with Canada's Best



Signature Recipes from Our Finest Chefs

Finally, a cookbook that captures the creative, innovative, and delicious cooking of Canada's greatest chefs from coast to coast.

So what are you waiting for?

Purchase your ingredients, rush home to fire up your stove, and get busy cooking under the tutelage of Canada's finest chefs.

Canada's Best supports Autism Research at Western

When you purchase a copy of Cooking with Canada's Best today, all proceeds will go to fund autism research through the Kilee Patchell-Evans Autism Research Group at The University of Western Ontario. For more information, see www.psychology.uwo.ca/autism.htm

To order Cooking with Canada's Best visit your local Chapters bookstore or visit: www.chapters.indigo.ca or www.cookingwithcanadasbest.com

WIND TUNNEL PIONEER KNOWN WORLDWIDE BY DAVID ESTOK, BA'79

A Tribute to Alan Davenport, 1932-2009

Inside a low-slung, non-descript building on the edge of campus off Western Road, Alan Garnett Davenport – through the power of his imagination – recreated the world.

Walk through the halls of 'his' wind tunnel with the modest but brilliant researcher, scientist, professor and colleague, past miniature replicas of every single major bridge and building that has been built in modern times and you can feel the scope and reach of his touch. He says hello to everyone he meets, is gracious with his time and knowledge and is clearly loved by those he works with.

But when it came to wind, the world came to Davenport. Models litter the halls of the Boundary Layer Wind Tunnel like trophies. There's the CN Tower. The Sears Tower in Chicago. The Hong Kong and Shanghai Bank in Hong Kong. The Normandy Bridge in France. And yes, that's the now famous World Trade Centre in New York.

Turns out that Davenport even tested the Towers for the impact of an airplane hitting the buildings a way back in the 1960s. The problem was the planes were much smaller and the amount of gasoline they carried much less. Not even his genius could predict that an evil mind would turn an airplane into a human bomb.

In fact, in a book by two New York Times reporters called "City in the Sky: The Rise and fall of the World Trade Centre," the writers note that Davenport was concerned about the buildings swaying too much in high winds and so he invented a system of "shock absorbers" to stabilize them during construction. When the planes hit several decades later, many speculated his invention probably saved hundreds of lives.

His research even took on one of the greatest challenges of professional golf. Davenport and his team at the request of Sports Illustrated tried to explain how to play the perfect golf shot at "Amen Corner," a famously windy hole at the Augusta National Golf Club.

The truth of it was Davenport was fascinated by wind and the power of nature.

Growing up in Madras, India, where he was born on September 19, 1932, he recalled the roof of his family home was supported by bags of sand to keep it in place when the monsoon rains came. When he was awarded the first Hellmuth Award for distinguished research at Western,

his lecture borrowed from a famous Bob Dylan tune of the 1960s– "The answer is blowing in the wind" and he mesmerized a crowd of hundreds in a packed lecture hall.

When a series of hurricanes hit the coast of Florida in 2004 (Hurricanes Charley, Frances, Ivan and Jeanne) with unprecedented speed and power, he called me over to the wind tunnel to meet with him on a Saturday morning. He wanted the world to know this was important stuff and he gave interviews to leading publications in Canada, Britain and the United States.

Like many accomplished people, Davenport was honored many times for his work. He was named a Member of the Order of Canada in 2002. He also received 10 honorary degrees, six from Canadian universities and four from universities in Argentina, England, Denmark, and Belgium. He authored more than 200 scholarly works, was named a member of the Royal Society of Canada in 1972 and became a Foreign Associate in the National Academy of Engineering.

But for all the accolades, world success, and recognition, he remained a modest man, brilliant in his work and happy in his life and times. Though his work took him around the world, London, Ontario always remained home. It was there that he passed away on July 19, 2009 of complications from Parkinson's disease. His wife Sheila, his daughters Anna and Clare and his sons Andrew and Tom were with him.

Western's renowned Boundary Layer Wind Tunnel Facility is best known for testing building structures and bridges. In 1969, scientific director Dr. Alan Davenport was asked to do tests on a Jupiter rocket model. This was the same rocket that carried U.S. astronaut John Glenn into a sub-orbital flight around the earth.



London Free Press Collection/Western Archives

2009 ALUMNI AWARDS OF MERIT

YOUNG ALUMNI AWARD

The Young Alumni Award recognizes significant contributions by an outstanding individual in their field of endeavour, whether through professional achievement or community service. The recipients are aged 40 or under and set an inspirational example for future young alumni.

Shuman Ghosemajumder, BSc'96



Shuman says Western laid the foundation for both his future education and career. "The World Wide Web, which has enabled my entire career, was just

getting started while I was a computer science student at Western," says Shuman. "I was the first student webmaster at Western, and was able to take advantage of the outstanding computing resources to learn about web technologies, even though there were not any courses on them at the time." Shuman notes his time as a member and President of the Western Debating Society taught him about communication and leadership. Today Shuman lives in California with his wife of six years, Dr. Piya Sorcar. He leads Trust & Safety product initiatives at Google, where he focuses on protecting users, advertisers and partners against click fraud and related threats. Arriving at Google in 2003, Shuman is known for helping grow AdSense into a more than \$2-billion-a-year business.

COMMUNITY SERVICE AWARD

The Community Service Award pays tribute to alumni who have made outstanding contributions to the community and through this generous gift of time and talent, have enriched the lives of others. Recipients have championed civic, charitable, philanthropic and social welfare causes.

Ruth Shipman Morawetz, BA'53

Ruth Morawetz credits Western for having an enormous impact on building her career. "I was challenged with the teaching and skills of faculty members who were excellent



professional musicians," says Ruth. Experienced in both classical and contemporary music, Ruth has been a pianist for The National Ballet, Senior Accompanist at

The Banff Centre's Music Theatre, and lecturer at the University of Toronto's Faculty of Music. She has excelled as a collaborative pianist, working with many distinguished musicians and actors, including Maureen Forrester, Martha Henry, Ben Heppner, Adrienne Pieczonka, Louise Pitre, Rosemarie Landry, Mark Pedrotti, and Frances Ginzer. She founded and was Artistic Director for the acclaimed Classical Cabaret. Ruth's volunteer contributions are a testament to her dedication to the arts. She organized 178 Preview Lectures with the Toronto Symphony Orchestra; booked and chaired 88 programs for the Toronto Arts and Letters Club; coordinated Jean A. Chalmers Awards for the Canada Opera; and has organized numerous fundraising galas over the years.

PROFESSIONAL ACHIEVEMENT AWARD

The Professional Achievement Award recognizes superior achievement in a professional field. The recipient is a role model for newcomers and sets standards to which others can aspire.

Carol Off, BA'81



Carol Off is one of Canada's best known and most admired journalists. After graduating from Western, Carol freelanced for a

number of years, then became the Ottawa correspondent for CBC Radio's current affairs program, Sunday Morning. This was followed by a series of positions with CBC, culminating in her current position as host of As It Happens. Other major events she has covered include the Meech Lake Constitutional Accord, the Canada/US Free Trade Agreement, the Montreal Massacre, the Gulf War, the

aftermath of Chernobyl disaster, the wars in the former Yugoslavia, UN war crimes tribunals, the war in Sudan and the fallout from events of September 11. She has won a number of awards and accolades for her work. Carol is also the author of three books of non-fiction: The Ghosts of Medak Pocket; The Lion, The Fox and The Eagle; and Bitter Chocolate.

DR. IVAN SMITH AWARD

The Dr. Ivan Smith Award is Alumni Western's highest tribute. It is awarded annually to an outstanding individual in recognition of their sustained and significant contributions to the Alumni Association, The University of Western Ontario and society.

Ron Potter



Ron Potter says everything he has accomplished has been because he stepped into the middle of the stream and got swept away. "Not once did I ever

say I'd like to be involved – all of my activities have been a result of someone coming up to me and saying they could use my help," says Ron. He spent 30 years volunteering with the Canadian Cancer Society. As Ontario Campaign Chairman, Ron was responsible for Terry Fox and his run in Ontario. The former athlete in football and basketball only attended Western for one year and completed his degree at Waterloo Lutheran University in 1956. Throughout the years, Ron has maintained his dedication to Western. He switched from playing to coaching football and was recruited by John Metras to assist in coaching the Mustang Football team from 1968 to 1973. Today he is an Honorary Officer with the 'W' Club and remains on the Board of Foundation Western as Past President.

For the complete 2009 Alumni Awards including Women's Athletic Alumnae Elfrida Berzins Award Recipients and 'W' Club Hall of Fame Inductees please visit: www.alumnigazette.ca

ALUMNI EVENTS

REGIONAL BRANCHES: CANADA

Burlington, Ont.

The Future of Local Media Panel *January 19, 2010*

Calgary, Alta.

Calgary Holiday Reception *December 8, 2009*
Calgary Flames Alumni Hockey Night *March 23, 2010*

Edmonton, Alta.

Edmonton Oilers Alumni Hockey Night *March 26, 2010*

Elgin County / St. Thomas, Ont.

70th Annual Alumni Dinner Picnic *June 9, 2010*

Guelph, Ont.

Evening at the MacDonald Stewart Art Centre *January 21, 2010*

Halifax, N.S.

Wine Tasting at the Halifax Club *February 25, 2010*

Kitchener, Ont.

Wine Tasting & Food Pairing at Westmount Golf and Country Club *March 25, 2010*

London, Ont.

London Knights vs. Kitchener Rangers *December 11, 2009*
Senior Alumni Program *January - March 2010*
London Knights vs. Niagara IceDogs *January 8, 2010*
Beer Tasting Event at The Next Door Pub *January 23, 2010*
London Knights vs. Sudbury Wolves *February 14, 2010*
Founder's Day Quiz Night at The Spoke *March 7, 2010*
London Knights vs. Windsor Spitfires *March 12, 2010*
SilverStang Co-ed Alumni Hockey Tournament *April 9-11, 2010*
Love your London at the ARTS Project *June 4, 2010*

Montreal, Que.

Alumni Cocktail Reception "The Future of Education" *February 4, 2010*

Ottawa, Ont.

Toronto Maple Leafs at Ottawa Senators *March 16, 2010*

Regina, Sask.

Alumni Mix and Mingle *January 29, 2010*

Sarnia, Ont.

Hockey Night in Sarnia *January 9, 2010*
LCBO Tasting event *Spring 2010*

Saskatoon, Sask.

Alumni Meet and Greet at the Saskatoon Club *January 28, 2010*

Toronto, Ont.

Rick McGhie at The Duke *December 4, 2009*
Alumni Lecture Series Open House *December 9, 2009*
New York Knicks at Toronto Raptors *March 5, 2010*

Toronto, Ont.

Queen's Park Reception *April 21, 2010*
Alumni Western Golf Tournament at Lionhead *May 29, 2010*
Western Road: The Rick McGhie Tour at Steam Whistle *June 18, 2010*
Boston Red Socks at Toronto Blue Jays Group Event *July 10, 2010*

Vancouver, B.C.

Vancouver Holiday Reception *December 9, 2009*
Olympic Theme Reception at Pan Pacific *January 28, 2010*

Victoria, B.C.

Union Club Reception *June 4, 2010*
All-Canadian University Golf Tournament *June 5, 2010*

Winnipeg, Man.

Wine Tasting & Food Pairing *January 27, 2010*

REGIONAL BRANCHES: INTERNATIONAL

Bridgetown, Barbados

Western at Wispers On The Bay *December 4, 2009*

Dubai, U.A.E.

Jewels of the Emirates Alumni Reception *March 8, 2010*

Hong Kong, China

Walk for Millions *January 10, 2010*
Rock Climbing & BBQ *January 30/31, 2010*
Founders Day Happy Hour *March 7, 2010*

London, UK

Somerset House Skating Event *December 2, 2009*
UK Branch Founder's Day Quiz *March 2010*

New York, NY

Hockey Night in New Jersey *January 29, 2010*
Pub Night *January 29, 2010*
President's Reception *February 18, 2010*

Shanghai, China

Alumni Happy Hour *December 12, 2009*

Washington, D.C.

Toronto Maple Leafs @ Washington Capitals *January 15, 2010*
Terra Cotta Warriors Group Outing *January 31, 2010*
All Canadian Alumni Dinner *April 24, 2010*

SHARED INTEREST GROUPS

The Mustang Old Oars Club

Rowing Gala 2010 *March 2010*

Nursing

90th Anniversary Gala *October 23, 2010*

WAA

Mustang Scholarship Breakfast *March 23, 2010*

"W" Club

Mustang Scholarship Breakfast *March 23, 2010*

UNIVERSITY FACULTIES

Dentistry

London Knights vs. Windsor Spitfires *January 29, 2010*
ODA Reception in Toronto *May 14, 2010*

Engineering

Iron Ring Ceremony *March 21, 2010*

Law

Law School 50th Celebration at the Royal York *April 29, 2010*

Library and Information Science

OLA Reception at Joe Badali's *February 25, 2010*

Science

Mineral Exploration Roundup Reception (Vancouver) *January 18, 2010*
Prospectors and Developers Convention *March 8, 2010*

FUTURE HOMECOMING DATES

2010 - September 30 - October 3

2011 - September 29 - October 2

2012 - September 27 - 30

DO YOUR PART FOR THE ENVIRONMENT!

Alumni Western is reducing the number of printed event invitations. Please update your email address with us to receive electronic invitations to events in your area. Check out our event listing on the web site and register at www.alumni.uwo.ca



Alumni Western has launched a redefined dynamic web site to speak to an ever-increasing diverse alumni and student population through generation-appropriate Web 2.0 tools and media. Visit alumni.uwo.ca and rediscover the amazing range of special programs, events, awards and publications offered globally by Alumni Western.

ALUMNI NEWS & EVENTS

PLEASE NOTE: Publicly available personal information may be collected for the purpose of updating alumni records as well as for the purpose of recognizing outstanding achievement or distinguished service by alumni in University publications. Western respects your privacy. At any time you have the right to request that your personal information cease to be used to recognize outstanding achievement or distinguished service in University publications. For more information or to make a request about the kinds of contact you would like to receive, please contact the Operations Administrator, Advancement Services, 519-661-4176 or 1-800-420-7519, Fax: 519-661-4182 or email: advser@uwo.ca.

1950s

On August 19, the Canadian Medical Association (CMA) presented the 2009 F.N.G. Starr Award to businessman, philanthropist and community volunteer **Dr. Donald Rix, MD'57**, from Vancouver, B.C. "His spirit of generosity is a source of inspiration to all health professionals," said CMA president Dr. Robert Ouellet. "He is an exceedingly generous physician who is widely admired by the medical profession for his dedication to making his community and the world a better place." "I consider it a great honour to receive the F.N.G. Starr Award," said Dr. Rix. www.cma.ca/index.cfm/ci_id/1359/la_id/1.htm. Sadly, Dr. Don Rix passed away on November 6 at the age of 78 following a long illness. Please see notice at: www.alumnigazette.ca

1960s

Ed Bartram, BA'61, will have two solo exhibitions of his artwork this fall: Recent prints of Georgian Bay "Ed Bartram – The Eye Within" at the McMichael Canadian Art Collection in Kleinburg, Ont. (Oct. 17 – Jan. 3, '10) and, Prints and paintings "Ed Bartram – New Works" at the Mira Godard Gallery, Toronto (Nov. 7 – 28). www.mcmichael.com/exhibitions/bartram/upcoming.cfm

Lawrence Cumming, BA'63 (Huron) has recently been elected to the Board of Directors of Project Ploughshares, the Canadian ecumenical coalition on arms control, disarmament and peace, representing the United Church of Canada.

This spring **Christopher Mead Armitage, MA'64**, received the University of North Carolina's Board of Governors Award for Excellence in Teaching, the highest teaching award at UNC and the sixth bestowed on him there.

D. Brock Hornby, BA'65 (English), Judge of the U.S. District Court for the District of Maine, has been selected as the recipient of the 27th Annual Edward J. Devitt Distinguished Service to Justice Award. Hornby was chosen by a three-member panel chaired by Associate Justice Anthony M. Kennedy of the U.S. Supreme Court. President George H.W. Bush appointed Judge Hornby to the U.S. District Court in 1990. From 1996 to 2003, he served as Chief Judge of the District. Prior to his service on the U.S. District Court, Judge Hornby served on the Maine Supreme Judicial Court for two years and as a U.S. magistrate judge for six years.

Yue-man Yeung, MA'66 (PhD, Chicago, 1972), retired in 2008 at the Chinese University of Hong Kong after 24 years. He was made Professor Emeritus of Geography and Honorary Fellow of the university. Earlier he earned three honorific titles for his public service in Hong Kong: SBS, OBE, JP. He has published 45 books in his career and has worked in Singapore, Canada and Hong Kong.

James Thorsell, MA'67, (Geography) was awarded an Honorary Doctor of Laws from the University of Alberta at their Spring Convocation on June 4, 2009. The citation reads: "In recognition of an outstanding Canadian and alumnus for his pivotal role in the preservation of natural areas around the world."

1970s

Patricia Anastasia Martin-DeLeon, PhD'72 (Anatomy), received the U.S. Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring, which is presented each year to individuals or organizations in recognition of the crucial role that mentoring plays in the academic and personal development of students studying science or engineering and who belong to minorities that are underrepresented in those fields. "There is no higher calling than furthering the educational advancement of our nation's young people and encouraging and inspiring our next generation of leaders," U.S. President Barack Obama said.

In July 2009, **John Raymond Elliott, BA'74** (History, Huron), was appointed CEO of Boston Scientific after James Tobin resigned from the position. He was previously the CEO of orthopaedics company Zimmer Holdings Inc. for 10 years. Prior to joining Zimmer, he served as president and CEO of Cybex International Inc.

Robert Thomas Boyd, BA'74, was appointed President and CEO of Athabasca Potash Inc. Boyd brings strong mining industry management and governance credentials, to API. He is currently Lead Director of Peregrine Diamonds Ltd., Chairman of True North Gems Inc., and serves on several other corporate and mining association boards. He was formerly Chief Executive Officer of Ashton Mining of Canada Inc. from 2000 to 2007. Prior to joining Ashton, Boyd was a Partner and Principal in Geographe International, a boutique mining advisory firm providing strategic joint venture, mergers & acquisitions and technical advisory services to mining companies.

Canadian short story writer **Alice Munro, DDL'76**, beat a host of other literary heavyweights, including Nobel laureates, to win the £60,000 Man Booker International Prize. Munro, 78, one of Canada's most celebrated writers, said she was "totally amazed and delighted" to win the prize.

Michael Dale Parayeski, LLB'78, has recently been appointed to the judiciary on the Ontario Superior Court; he will work in Kitchener. Parayeski was called to the bar in 1980. He developed an expertise in insurance defence work including personal injury and professional negligence defence.

Doug Turnbull, BA'78 (Economics), Deputy Chairman, TD Securities Inc. has recently been appointed to the Board of Directors of Metrolinx, an agency of the Government of Ontario responsible for regional transportation in the Greater Toronto and Hamilton region. In addition, Doug is a member of Ontario's Economic Advisory Panel, serves as Chair of George Brown College Foundation, where he also chairs the Audit Committee of the board, and is a Board Member of ORBIS Canada, a global charity that is committed to eliminating preventable blindness in the developing world. In 2007, Doug was the Executive-in-Residence at the University of New Brunswick, Faculty of Business Administration.

Angela Joyce, MBA'79, has been chosen as the 21st recipient of the Award of Excellence in Investor Relations at the Canadian Investor Relations Institute's annual conference.

1980s

Senior Coca-Cola Executive **Penny McIntyre, HBA'82**, Joins Newell Rubbermaid as Office Products Group President. McIntyre brings 27 years of global consumer packaged goods experience from S.C. Johnson and The Coca-Cola Company. Her early career at S.C. Johnson included assignments in the U.S., Canada, and Tokyo, Japan on many of their well known brands including Windex. The past 11 years of her career have been with The Coca-Cola Company including leadership roles in Moscow, Johannesburg, London and the U.S.

Gary David Crossley, BEd'82, was appointed Head Coach of the Golden Hawk men's and women's curling programs at the University of Waterloo. Currently, he is a teacher at Cameron Heights Collegiate in Kitchener and resides in St. Jacobs.

Thomas John McEwen, LLB'84, has recently been appointed to the judiciary on Ontario Superior Court. He will serve in Newmarket. Thomas McEwen is a former partner with Adair Morse LLP in Toronto.

The Women's Tennis Association (WTA) Tour announced recently that **Stacey Allaster, BA'85, MBA'00**, will assume the duties of chair and CEO immediately. Allaster, former Tennis Canada vice-president and tournament director of the Canadian Open in Toronto, had been with the WTA Tour for three and a half years as president. Allaster left

Tennis Canada and joined the WTA Tour on January 1, 2006 in the newly created role of President, responsible for the Tour's operations, business development, television, new media and tournament and player relations. Allaster, 46, will continue to live in St. Petersburg, Fla., where she resides with her husband John Milkovic and two children.

Catherine Winder, BA'86 (History), a former Lucasfilm Animation Executive Producer, has been named President of Vancouver's Rainmaker Entertainment Inc. Based in Vancouver, Rainmaker Entertainment Inc. is one of Canada's largest producers of computer generated animation. Prior to Rainmaker, Winder oversaw both development and production of the first animated Star Wars adventure, Star Wars: The Clone Wars a feature film, which was released last summer. Over her distinguished career in animation, Winder has worked in feature films, home video and television, in addition to running her own industry consulting business. She was Senior Vice President of Production at Fox Feature Animation, where she oversaw the production of the Oscar-nominated hit Ice Age.

Christopher Stephen Difrancesco, BESC'86, LLB'89, was recently appointed as VP, General Counsel & Secretary of Telesat Canada. Telesat primarily serves the direct-to-home TV broadcasting industry, provides satellite communications services for television and radio broadcasters and corporate networks.

Ewan Douglas Mason, BSc'86, (Geography), was recently appointed to the Board of Directors of Gowest, a company that engages in the acquisition, exploration, and development of mining properties in Canada. He was formerly head of mining investment banking at a large Canadian securities firm and has worked in the financial sector for 17 years. Prior to this, Mason was employed as a geologist with a number of Canadian and international mining companies.

Catherine Mary Lee, PhD'88, appointed as Acting Dean of the Faculty of Social Sciences at the University of Ottawa. Since graduating from Western, she has been a full professor of psychology at the University of Ottawa. Up until her appointment, she was vice-dean, graduate studies, at the Faculty of Social Sciences.

The Morrissey House in London, Ontario was opened in July 2009 by **Mark (Shaggy) Serré, BA'89**. After operating The Spoke Tavern for 10 years, he has finally opened his own location and welcomes all alumni.

1990s

Timothy Patrick Hudak, BA'90, has been elected as the 21st leader of Ontario's Progressive Conservatives. Hudak was first elected to the Ontario Legislature in June 1995 as the member for Niagara South.

Matthew David Moccio, BA'90 (Political Science), was appointed to the board of directors of the Hamilton Port Authority for a term of three years. He has held senior management positions with Spectrum United Mutual Funds and Sun Life Securities Inc., and has also worked as a strategic planning consultant. Since 2004, he has been an investment executive with ScotiaMcLeod. He has also taught in the School of Business at Mohawk College in Hamilton.

Bruce Hart, PhD'90 (Geology) joined ConocoPhillips (Houston) in August 2008 after nearly 20 years with various universities and government geological surveys (most recently, 2000-2008, McGill University). He is currently Director of Shale, Seal and Pressure Systems. In Fall 2009/Winter 2010 he will be touring North America as a Distinguished Lecturer for the American Association of Petroleum Geologists.

Robert John Webb, BA'91 (Political Science), was recently appointed to the position of Chief Information Officer at Hilton Hotels Corporation. Webb joins Hilton from Equifax, the Atlanta headquartered global credit information and technology solutions provider, where he held a similar position. Webb has provided leadership for systems strategy, enterprise planning and architecture, information security, technology infrastructure, and outsourcing initiatives across multiple business units since 2004.

Susan Elizabeth Healey, LLB'91, has recently been appointed to the judiciary on the Ontario Superior Court; she will serve in Barrie. Healey is a former partner at Stewart Esten in Barrie.

Jane Milburn, BA'92, was recently appointed as a Partner of Kuretzky Vassos Henderson LLP. Her practice includes all aspects of employment law. She regularly advises clients about employment terminations, written offers of employment, constructive dismissal cases and international assignments.

Multiculturalism Minister Jason Kenney recently announced four full-time appointments to the Immigration and Refugee Board of Canada (IRB), including **Andrea Wojtak, BA'92, LLB'95** (Brescia) a drug control and crime prevention officer with the Organized Crime and Anti-Money Laundering Unit of the United Nations Office on Drugs and Crime in Austria prior to her appointment to the board. She has also worked as a legal officer/anti-human trafficking coordinator with the International Prosecutor's Office of the Department of Justice, United Nations Interim Administration in Kosovo. She was called to the Ontario Bar in 1997.

Rob Stringer, BEd'93, BA, CPC, Certified Professional Coach, speaker and author has recently founded the non-profit organization, Youth Coach Canada. More information is available at: www.YouthCoachCanada.com and www.ParentingWithIntention.ca

Dr. Vanessa Cumming, BSc'94, and Damian Phang, had a baby daughter, Sari Theresa, born in Kingston, Jamaica, May 11, 2008.

Gavin Charles Winston Atcheson, son to **Aaron Edward Atcheson, BA'95** (Huron), LLB'98) and **Tiffany Jill (Godfree) Atcheson, BA'94** (Huron), BEd'95, MA, and brother to Aidan and Owen, was born on May 12, 2009. The Atcheson family recently relocated to London, Ontario where Aaron is a partner at Miller Thomson LLP and Chair of the Miller Thomson CleanTech Practice Group and Tiffany is taking time away from teaching to raise their boys.

Dr. Carson Wong, MD'95, a double-board-certified urologist, has been named the medical director at the Center for Robotic Surgery at OU Medical Center in Oklahoma. Wong is a specialist in the treatment of urologic disorders through minimally invasive techniques.

Adam David Seanor, BA'96, was recently appointed EVP, Business Development & Investor Relations of MoneyLogix Group Inc., an early stage capital investment company focussed on opportunistic acquisitions in the real estate market.

David Michael Shoemaker, LLB'96, has been appointed President of the Sony Ericsson Women's Tennis Association Tour. Since joining the organization in April 2004, he has been an integral member of the executive team, applying a unique blend of both legal and business acumen.

Appointed VP of International Business Development at Mantra Venture Group Ltd. **Sung Wook Kim, BA'96**, has nine years experience in the financial industry where he started as a business analyst. After dedicating three years to Mackenzie Financial Corporation in Toronto, he moved to AIG in Korea where he successfully implemented a worldwide marketing model and secured new business alliances. In his most recent role, Kim served as an International Business Consultant with the District of North Vancouver.

Alexander Fritsche, MA'99 (Economics), was recently appointed Senior Representative to Bank of Canada, Calgary Regional Office. He will direct research and analysis on economic developments in Alberta, Saskatchewan, Manitoba, the Northwest Territories, and Nunavut, including overseeing the Bank's Business Outlook Survey in the region.

Mark Andrew Vanry, MBA'99, was appointed to the position of EVP, Corporate Development with Argentex Mining Corp, a small mining and exploration company. This newly created role includes responsibility for the company's corporate development activities, including the forging of new relationships with institutional investors, raising capital to fund the next phase of development, an expanded marketing program, and assisting with corporate governance and regulatory matters.

2000s

Valerian Nicolai Marochko, MBA'01, was recently appointed Executive Director of London Cross Cultural Learner Centre. In the past he has started his own business, worked in academia, consulted for the United Nations and volunteered with non-profits.

Henry Michel Kurban, MD'02, was appointed as acting medical officer of health to the Thunder Bay health unit. Kurban is completing his preventive medicine residency training and board certification at Johns Hopkins Bloomberg School of Public Health in Baltimore. He received his initial medical training at Western's faculty of medicine, and also holds a master's degree in public health from Johns Hopkins and an MBA from McGill University in Montreal.

Andrew Lockie, MBA'05, was appointed to the position of Chief Executive Officer of the United Way of London and Middlesex in August 2009. Lockie, a longtime Londoner, is the former vice-president of the camping and educational services at the YMCA of Western Ontario.

IN MEMORIAM

Dr. Richard Blair Treleaven, MD'47, passed away quietly at 84 years of age at his home in Gravenhurst, Ontario on May 11, 2009, and has been laid to rest in the Greenhills Cemetery in Lucknow, Ontario. Dr. Treleaven is survived by his wife Mary Treleaven (nee Ford/UWO nursing, 1975), his three children: Alan Treleaven (BA, 1970), Karen Treleaven (Physiotherapy, 1973) and Timothy Treleaven, and his daughter-in-law Kathy Treleaven and grandson Ben Treleaven. He dedicated his professional life as a family medicine practitioner in Oshawa, Palmerston and Mildmay, and as a radiologist in London and then in Bruce, Huron and Grey Counties.

Dr. David C. Hogg, BSc'49, beloved husband of Jean Hogg, of Boulder, Colorado, passed away on August 9, 2009 at the age of 87 years. Dr. David C. Hogg was born in Vanguard, Saskatchewan on September 5, 1921. David received his BSc (Radio Physics) from Western in 1949. He received his MSc in 1951 and PhD (Physics) in 1953 from McGill University. He joined the Canadian Army in 1940 and took a luxury liner converted to a troop ship to UK and arrived in Glasgow, Scotland on Christmas Day 1940. He met Jean MacMillan on the outdoor dance floor at Wonderland in London, Ont. and in 1947 they married. In 1953, Bell Telephone Laboratories recruited him to Holmdel, New Jersey and he stayed with the company until 1977. During his distinguished career at Bell Laboratories, he was closely associated with the Nobel Prize winning physicists Arno Penzias and Robert Wilson. He was a contributing author for "Finding the Big Bang" (published

in 2009) and had more than 80 publications relating to fundamental research in microwaves, radio propagation and attenuation from rainfall, antenna design, optics, satellite communications and remote sensing. Dr. Hogg was elected to the National Academy of Engineering in 1978 for his work at Bell Labs. He joined the NOAA Wave Propagation Laboratory (now ESRL/PSD) in 1977 and was chief of the Environmental Radiometry and Radio Meteorology Program Areas (1977-1986). He was instrumental in the design and implementation of Wind Profilers, Radiometric Profilers, and many of their applications to remote sensing of the atmosphere. From 1983 to 1994, David also enjoyed a career as an Adjoint Professor at the University of Colorado, Boulder. He was a Life Fellow of the Institute of Electrical and Electronic Engineers, was awarded the IEEE Geoscience and Remote Sensing Society's Distinguished Achievement Award in 1984 and received a U. S. Department of Commerce Silver Medal in 1983. www.dailycamera.com/obits/ci_13199791

Richard John (Jack) Lawrence, HBA'56, died unexpectedly, alongside companion Carol Richardson, when his plane crashed during take off from Lake Muskoka on the afternoon of August 3, 2009. Known for his resilience, determination and healthy lifestyle, Lawrence led a full life as a leader in the financial community, driven by his passion for competition and his commitment to Canada's economic prosperity. He leaves his six beloved children, Brian (Catherine), Judy, Wendy (Nevio), Debbie, Carolyn (Stephen) and Richard; three grandchildren, Matthew, Mitchell and Marshall; his sister, Catherine Lawrence; and former wife, Janice Lawrence. He was predeceased by his parents, Albert Lawrence and Reta (née Fenton), and his first wife Mackie (Mae) Law. Jack Lawrence was born on April 23, 1934. As a child, he moved around the country as his father's profession transferred them to Winnipeg, Montreal, Hamilton and finally Toronto, where Jack attended Etobicoke High School. From there he went to the University of Western Ontario, graduating with an honours degree in business administration in 1956. Most recently, Jack was chairman of Lawrence & Company Inc. Perhaps the by-product of being born in the Great Depression, but most certainly a quality he learned from his father, Jack's strong belief in personal integrity drove all that he did. In his profession it carried over into substantial service to his country and came through in each of the lessons he imparted to his children. He strongly believed that fairness and good intentions were the key ingredients to one's success; always be true to yourself and to others. Integrity was Jack's core value and is a legacy he leaves today. The family is truly grateful for the last few years spent with their father. www.legacy.com/obituaries/thestar/obituary.aspx?n=richard-john-lawrence-jack&pid=131029862

L.G. Alan Sutherland, BESC'60, PEng, passed away peacefully in his 72nd year on July 9, 2009, at home in St. Catharines, Ontario with his wife and elder daughter by his side. He is survived and mourned by his devoted and cherished wife of 49 years, Alyce Elizabeth Sutherland (nee Casselman) and his children, Louise (David) Stanley, Welland; Mary (Robert) Wright, Grand Bend; Hugh (Felicia) Sutherland, Thorold; his grandchildren, Robert and Kathleen Stanley, Welland; Connor and Aidan Sutherland, Thorold; his loving sister Ann Helen Patricia Sutherland, White Rock, B.C. Born in Victoria, B.C. on February 13, 1938, he grew up in Limehouse and London, Ontario and studied at Western. After graduating, Alan married and moved his family to Montreal and then Newfoundland where he worked for Monenco and ShawMont. He served as a major in the Canadian Armed Forces Army Reserves and was Deputy Commanding Officer of the 56th Service Battalion, St. John's. In 1978, he relocated his family to St. Catharines, where he kept up his interest in the Militia as the Deputy Commanding Officer of the 23rd Service Battalion, Hamilton. He continued to work as a Consulting Engineer until a stroke in 1994. While the years that followed challenged him, his resolve to live life to the fullest and to love his family never faltered. He was a Past Master Mason with Perfection Lodge 616 and a life member of the Military Engineers' Association of Ontario. He had a lifelong interest in Amateur Radio that started in high school and had call signs issued by Industry Canada in Ontario, Quebec and Newfoundland over the years. His life was brought joy with his passions – classical music, reading, camping and snowmobiling in Newfoundland and especially summers at the family cottage at Maple Grove, Grand Bend.

Arthur (Peter) Magee, BA'63, MA'65 (English), passed away suddenly at University Hospital on May 29, 2009 in his 68th year. Graduated from University of Western Ontario, teacher at George S. Henry Academy for 30 years in English and Special Education at the North York Board. Son of the late Gordon R. Magee, retired Mathematic Department Head, University of Western Ontario and the late Miriam Elizabeth (Pearson) Magee of London, Ontario. Dearly loved by his legal spouse David Briggs and loved by his cousins, the McIver family, the Bootes family, the Miller family, the Venton family, the Sutherland family, and many friends.

Russell (Russ) Goodwin, BA'64, of Trenton, Ontario passed away peacefully surrounded by family at Belleville General Hospital on April 2, 2009 in his 77th year. Loving husband of his late wife Marion-nee Martin (September 1992). Beloved father of Jennifer Anne Goodwin, BEd'77, of Kitchener and Jeffrey Louis Goodwin of Trenton. Russ was born in Elmira, Ontario to William O. and Hilda (nee

Moerer) Goodwin on October 16, 1932. As a boy, he was actively involved in Scouting. He joined the Royal Canadian Navy in 1954 and received his commission as an officer after receiving his Bachelor of Arts degree from Western in 1964. He retired as a supply/finance officer after an extended career in the military in 1986. Upon his retirement, he became a member of the Supplementary Ready Reserve until 1994. In 1988, Russ established Goodmar Tax Services that he ran until the time of his death. He was a member of the Royal Canadian Legion Branch 110, Air Force Association of Canada – 413 Wing, past Treasurer of the Federal Superannuates National Association and an associate member of the First Special Service Force. He was an avid golfer and a champion of many charitable causes.

Pat Sifton, MLIS'72, founder of University of Fraser Valley's Library and Information Technology Program, passed away peacefully early in the morning of July 6, 2009 at the Abbotsford Hospital. She was 79. Pat came to Fraser Valley College in 1980 from Fanshawe College in London, Ontario, where she taught in the library technology program. She developed the library technology program and all its courses, and she was the only instructor for many years, offering program courses on alternating years so that students could graduate in a timely way. Pat remained program head until her retirement in 1995. Under her leadership and direction, the Library and Information Technology program achieved high regard in the library community, and this remains true today. Pat was also a wonderful colleague and a mentor to many, both at Fraser Valley College/UCFV and in the larger library community. Many people working in BC libraries today have been influenced by Pat, and her legacy will continue. Pat leaves her husband of 30 years Ivor Slater, one sister, five children, grandchildren, great-grandchildren, and many extended family members and friends. Pat was a leader at UFV – in and out of the classroom. An award in her memory will pay tribute to the leader she was, helping students develop their own leadership skills. The Pat Sifton Endowment Leadership Award will help students achieve their goal of a UFV education while acknowledging their efforts to champion ideas and causes in class as in life, as Pat would have. Over the past number of years UFV has received generous donations totaling over \$9,000 to create a Library and Information Technology Leadership Award in her honour.

F. Jean Drummelsmith, BA'74 (Psychology), born March 10, 1923, died at 4 Counties Hospital, Newbury, Ontario, June 7, 2009. Jean retired from a successful teaching career in 1983. She graduated from Western, by taking courses at night, while raising a family of seven, teaching and tirelessly working for her Church and Community. She is sadly missed by all who knew her.

Michael Patrick Fitzgerald, LLB'90, sadly passed away too early on July 25, 2009, at age 45. Predeceased by parents Martin and Patricia Dunn, and by dear aunt Mary Dalton. Beloved youngest brother of Deanna (Philip Murton), Margaret (Bruce Daley), Kevin and Martin (Kim

Richard). Will be lovingly remembered by his nieces and nephews, his cousins and many, many friends.

Jeffery Roche, BA'03 (Political Science) and **Hannah Gordon-Roche, BA'04** (Psychology) joyfully married June 6, 2009, died tragically in a catastrophic traffic accident with their beloved Westie, Piper-Bear on June 26, 2009, four days after the return from their honeymoon. Jeffery Gordon Roche, Vice President of Go Bee Industries, Hamilton, is the beloved son of Gordon and Susan Roche of Etobicoke, grandson of the late Samuel and Nancy Jeffery and the late Gordon and Eileen Roche and Godson of David and Susan Swerdlyk. Jeffery will be greatly missed by his many brothers (Pi Kappa Alpha). Hannah Gordon-Roche is the beloved daughter of Veronica Jane and Donald William Gordon of Waterdown, dearly loved sister of Rupert Hallan Gordon and Rebecca Tuff, Auntie of Eliza and Charlotte Tuff-Gordon, dearly loved sister of Nicholas Zachary Gordon and Carolina Sobczyk, beloved niece of Dr. Michael Wayne and Pat Wayne of Calgary and beloved niece of Suzanne Marion Lyle of Limpley Stoke, England, and Ann Anderson-Wilcox of Acton. Both these vibrant and beautiful young people are widely remembered and missed by extended family and friends.

Dr. Ross Henderson, PhD'75, BSc M.E. (MB), MBA (Harvard), Professor (RET) P. ENG. (RET) passed away from cancer at sunrise on July 26, 2009. Ross was born August 5, 1929 in Winnipeg, Manitoba to Douglas and Annie Henderson. He graduated from the University of Manitoba Faculty of Engineering in 1955 and went on to be awarded a scholarship to the Harvard University MBA program by having the highest entrance mark of all applicants that year. With the support of his wife Jeanette, he graduated from Harvard Section E in 1957. In 1969 Ross began his life career as a professor at the University of Manitoba School of Business (now the Asper School of Business). During the summer he commuted to London, Ontario where he graduated with a PhD in business from Western in 1975, having completed a four-year doctorate course in two years. Ross loved the challenge of teaching bright, aspiring, young minds and put his heart and soul into his teaching. "I want to make them think" was one of his familiar quotes. Ross was awarded the Olive Beatrice Stanton Award for Excellence in Teaching multiple times. He retired in 1993, but kept an office at the faculty "just to keep his hand in." Ross was a diverse honorable individual, a loving father and grandfather and will be sorely missed. Ross is survived by his wife Jeanette, sons Scott, Craig (Barbara), and Eric, and grandchildren Lauren and Glen.



Discover the World

Educational Travel Programs for Alumni & Friends of The University of Western Ontario

To be added to our mailing list, call Susan Henderson 519-661-2111 ext 85871 or 1-800-258-6896 or e-mail discovertheworld@uwo.ca

Visit www.alumni.uwo.ca/travel to view our 2010 trips

WHAT'S NEW WITH YOU? SHARE YOUR NEWS WITH FELLOW GRADS AND HELP US KEEP OUR RECORDS UP TO DATE.

Gazetteer
Ste. 160, Westminster Hall,
The University of Western
Ontario, London, ON, N6A 3K7

519-661-2111 Ext 85882,
800-258-6896

519-661-3948

gazetteer@uwo.ca

DEADLINE FOR INCLUSION IN THE SPRING 2010 ISSUE IS FEBRUARY 1



THE FINAL SAY

WITH PAUL WELLS BA'89

THE VALUE OF KNOWLEDGE VS PRAGMATIC EDUCATION

It's autumn, which means next year's federal budget is just around the corner. No, really. That's what autumn actually means. By the time the feds announce the date of their budget (usually sometime in February), they'll already have made just about every important decision about what goes into the year's plan for taxes and spending. So for anyone who hopes to influence those decisions it's important to move early.

With that in mind, Canada's university administrators are gearing up to re-fight last year's battles. It's hard to blame them. Last year's battles didn't end well for research and scholarship in Canada, and it's worthwhile revisiting some of those short-term decisions. But the broader economic and cultural moment is so fraught that it won't do just to ask for the goodies that didn't get delivered last year.

Canada's universities are in considerable peril. Just look at what happened the last time Canada pulled out of a recession and an extended bout of deficit financing. That would be the mid-1990s. Governments in Ottawa and every province, of every partisan stripe, finally realized they had been spending far more than they could raise in tax revenues. Deep spending cuts were necessary. And the thing about deep spending cuts is, you can really only make them where there's deep spending. That means health care and education.

So for a few years the Chrétien government cut deeply in transfers for health care and education. And every provincial government worked harder to protect health care and grade schools from those cuts than universities. It's pointless to blame anyone for those decisions. They pretty much came with the territory.

It's territory that's starting to look familiar again. In only the last year the federal budget deficit has grown from zero – indeed from modest surpluses – to \$55 billion, and that's only the latest guess. When I wrote this, the Harper government still preferred to believe no spending cuts or tax increases would be needed to get out of that hole. But provincial governments, closer to the services most Canadians use, are already further along in their calculations. A few are toying with tax increases. All are looking around for services to cut.

Compare this cold universe with the relatively comfortable world Canada's research funding has inhabited for more than a decade. Once the Chrétien Liberals got deficits under control they started paying into university research, modestly at first and then in a big way. Paul Martin and Stephen Harper continued that focus, though at a slower rate of increase.

Last year the increases were so modest, and the conditions attached to them so onerous, that a few academics complained. The international context has changed, they argued, with U.S. President Barack Obama promising a more research-friendly administration than the one he replaced. There's been a bit of a brain drain from the U.S. to Canada. The danger is that it could reverse.

That's the argument that has come largely from university teachers. Administrators were more grateful for the big injections of infrastructure money they received, under the rubric of "economic stimulus," to build up and modernize their campuses.

Over the summer, however, I started hearing from academic administrators who said they were back in synch with their faculties. Now's the time to invest in people, they said, and boost the budgets of research granting councils so those shiny new labs won't go underused.

Have you spotted the gap between last year's fight and next year's yet? Here it is. Last year's fight, between new infrastructure and new research dollars, was a fight over the disposition of new resources. But it assumed there would be new resources. Next year's fight will be a fight against real cuts. It's going to make the genteel conversations of the past decade, the cozy decisions about how to spend the next few tens of millions, look like a walk in the park.

How should universities respond? The temptation will be to retreat a bit, to make more modest requests — and to make an elaborate show of looking more pragmatic. "Universities generate the ideas that drive the new economy," sort of thing. The problem with that line of argument is that in a really nasty economic environment, governments on a tight budget will take that as a cue to go hunting for anything a university does that doesn't, demonstrably, simplistically, generate the ideas that drive a new economy. Whatever they find that looks like a 'frill' by that definition will be in danger of getting cut. And frankly, most of what goes on at a university is hard to justify as part of a job-creation mill. In fact, for a few thousand years, that's been the beauty of a university. It's the place where knowledge and beauty go for shelter when knowledge and beauty are viewed as a bit suspect everywhere else.

I think university administrators should say so, out loud. They need to broaden their defence of the university's mission, and make it less rigorously pragmatic. After focussing for a decade on research to the exclusion of less hard-headed functions, I think universities need to go back to basics and talk more, outside the campus gates, about the intrinsic value of knowledge, scholarship, beauty, contention, and an environment that urges scholars toward ambition and accomplishment.

Universities need to get better at explaining themselves, and quickly. The weather's about to get rough.

Follow Paul Wells online at www.macleans.ca/inklesswells



ALUMNI TERM LIFE INSURANCE

The need for life insurance is one of life's most important lessons.

Whatever life brings, make sure the people who count on you will be well taken care of. With your Alumni Term Life Insurance plan, you may give your loved ones the financial security to continue living the life you dreamed of for them, no matter what.

Call us at **1 888 913-6333**.



Underwritten by:

Manulife Financial

The Manufacturers Life Insurance Company

What will life teach you? manulife.com/westernmag

GROUP HOME AND AUTO INSURANCE

for members of The Alumni Association of The University of Western Ontario



PROTECTION MADE EASY... GROUP RATES MADE EASIER!

As a member of **The Alumni Association of The University of Western Ontario**, you can save on your home and auto insurance through **preferred group rates**, while enjoying **high-quality insurance products** and **outstanding service**.

As the leading provider of group home and auto insurance, we offer a wide range of innovative products, so you are sure to get the coverage that is right for your particular needs...and the peace of mind that goes with it!

Insurance program recommended by



Request a quote and you could



ENJOY SAVINGS THROUGH
PREFERRED GROUP RATES

www.melochemonnex.com/uwo

1 866 352 6187

(Monday to Friday, 8 a.m. to 8 p.m.)



The TD Insurance Meloche Monnex home and auto insurance program is underwritten by SECURITY NATIONAL INSURANCE COMPANY and distributed by Meloche Monnex Insurance and Financial Services Inc. in Québec and by Meloche Monnex Financial Services Inc. in the rest of Canada.

Due to provincial legislation, our auto insurance program is not offered in British Columbia, Manitoba or Saskatchewan.

*No purchase required. Contest ends on January 16, 2010. Skill-testing question required. Odds of winning depend on number of entries received. Complete contest rules available at www.melochemonnex.com.

Meloche Monnex is a trade-mark of Meloche Monnex Inc., used under license.

TD Insurance is a trade-mark of The Toronto-Dominion Bank, used under license.