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FEBRUARY 2008



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PLUS

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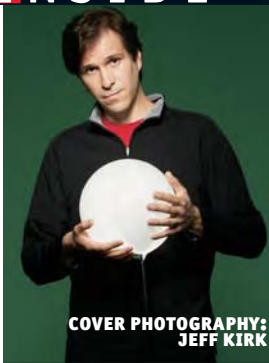


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Green Mag

I LOVE TREES. As a British Columbian, even as a city boy, I was raised with evergreens everywhere, and dense, wild forests as near as Canada's Wonderland is for Torontonians. When I lived for a long period overseas as a journalist, I would visit family in BC and actually seek out wooded trails, just to get that forest feeling again. So it's painful at times when people make cracks about how as an editor of this magazine and its nearly 200,000 copies, I'm condemning so many trees, as if I'm a clear-cutting logger. Because as a BC boy, I know very well that a well-managed forest can go on producing paper for your printouts and our magazine, simply forever.

Thus I'm especially pleased that, by happy coincidence, *YorkU* is able to switch to a certified source of sustainable paper just as we publish this issue focusing so heavily on green topics. Both events reflect just how overarching environmental issues, especially climate change, have become for Canadians, such that coverage of York's engagement in sustainability research and initiatives seemed so timely for us at *YorkU*, while certified sustainable paper is a newly essential product for the big mills and printers to offer.

The new stock you are looking at contains 30 per cent recycled content, and is certified by both the Forest Stewardship Council (FSC), an international organization which sets very stringent criteria for sustainability, and the Rainforest Alliance, which does the detail work of certification. I have been very impressed with the chain-of-custody system that



requires constant monitoring from forest to mill to printer (the printer must even document that they've recycled the leftovers). The pulp is also bleached using a chlorine-free process. But the bottom line for me is Principle 5.6 of the FSC's long list of requirements: "The rate of harvest of forest products shall not exceed levels which can be permanently sustained."

I hope this will meet with the approval of the people we feature in this issue – just a small sampling of the York experts who are working on sustainability issues, from alum and faculty member Jose Etcheverry on the cover to our mini-gallery of researchers. There are two other green alums included – the remarkable Brent Kopperson and, in Back Talk, the ever-creative James Hurst, a screenwriter who was profiled with wife and fellow writer Shelley Scarrow (BFA '94) in our February 2007 issue.

I'd also like to point to another sustaining feature of *YorkU* – our new digital edition at yorku.ca/yorku. The magazine is now posted in an easy-to-read format, making it a breeze to page through past issues, see our campus edition or find an article you enjoyed. And there were no trees felled to create it. ■

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**QUESTION EVERY ANGLE.
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RESEARCH EVERY ANGLE.**

WELCOME TO THE INTERDISCIPLINARY UNIVERSITY. At York, we tackle real-world issues by bringing together researchers, graduate students and partners from different disciplines. Currently, environmental scientists, lawyers and educators at York are researching the application of sustainability principles and practices throughout society. This commitment will leave Canada in a better position to deal with environmental challenges as they arise in the future. It is this collaborative approach to creating new knowledge that makes York a leading research innovator. To learn more about the interdisciplinary university, visit YORKU.CA

They're not the preserve of elites – they come from anywhere. BY MAMDOUH SHOUKRI

The Best Ideas

TO CREATE NEW KNOWLEDGE is one of the most cherished functions of a university. It is a magnificent challenge – and opportunity – to expand inquiring minds and to widen the sea of human knowledge through our research and teaching.

In the past, it was the practice that legitimate ideas could only come from wherever the privileged expected them to come from. An idea had to have pedigree, as opposed to intrinsic worth.

Fortunately, at York we know the opposite is true. The way ideas are transmitted is through the special connection between minds. This can happen anywhere minds meet. In the classroom. In the lab. In the field. In the city. In the desert. In the tundra. In the tower block. In solitude. In the multitude. In the university. In the community.

Research ideas come from researchers, graduate students, undergraduate students – and their colliding, myriad, fresh new

In the face of global

ways of looking at the world. This is why research cannot be restricted as the preserve of elites. Canada produces less than five per cent of the world's new knowledge. Yet our students as a whole need to be exposed to 100 per cent of the world's new knowledge – just to stay current.

So how do we judge the quality of new research ideas? Rigorous and open peer review remains our best guarantee of excellence and transparency. Peer review is the surest way of maintaining the highest possible standards so that the open competition for ideas actually follows the ideas, not their pedigree.

It is easy to lose sight of the fact that government and industry invest in research at universities for a reason. Not to increase a given institution's reputation or ranking, but to provide real solutions to real issues. Problems like sustainability, bullying, space exploration, mental health, diaspora issues and climate change. The funding does and should follow the best

Mamdouh Shoukri is York's president and vice-chancellor.



idea, not a preconceived formula.

“But there's not enough money to go around!” the cry goes up. Exactly – which is why funding should go to the very best ideas first, regardless of their pedigree. Furthermore, all universities should be arguing individually and together for a greater investment in research funding. It does not help those who depend on us for solutions, to simply argue for

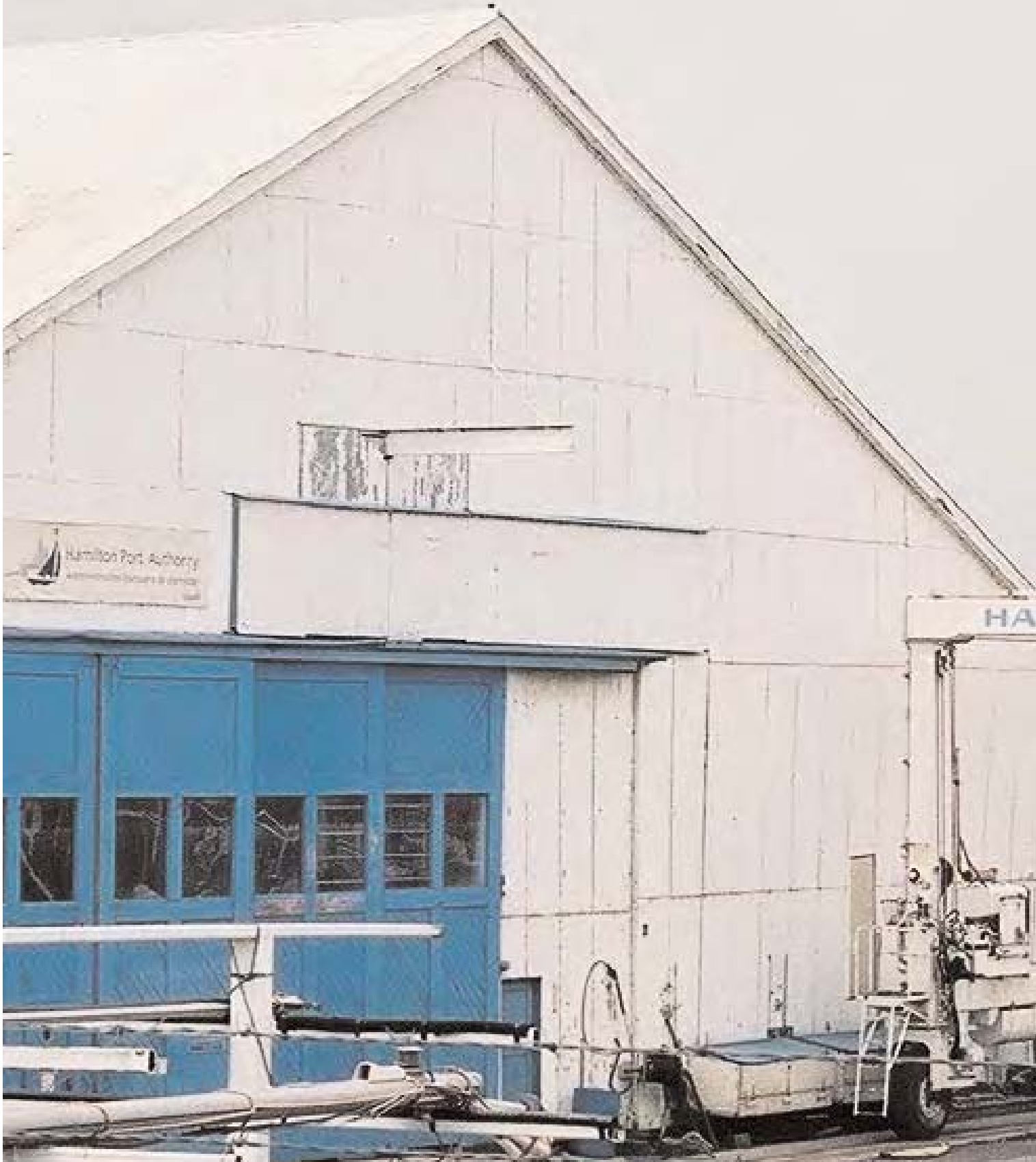
a larger piece of the same pie.

Yet we are starting to hear that argument, an argument that is founded on entitlement over merit. It's part of the old world, not the new. China and India are not going to step aside while Canada decides which ideas have the right parentage.

Much has been written recently of the importance of graduate studies to Canada's success in the global economy. Graduate studies and research go hand in hand, which is why York is Ontario's second-largest graduate school.

It is my firm belief that in the face of global competition in the knowledge economy, this is absolutely the worst time to undercut sources of innovation. We must reinforce the primacy of peer review and open competition and let the ideas, and the researchers, speak for themselves. Above all, we need research and innovation in Canada to be part of the culture of communities, not the reserve of elites. ■

UNIVERSE



Greening Steeltown

A Hamilton harbour cleanup could create a billion-dollar benefit

You might not think of swimming in Hamilton's harbour now, but in the years to come it could be a different story, thanks to a report by Ed Hanna, an Associate Fellow with York's Institute for Research & Innovation in Sustainability (IRIS). Hanna says cleaning up the harbour now – cost: \$90 million – could mean governments, business and the people of Hamilton and Halton Region will benefit by almost \$1 billion in the future, once the harbour gets off the Great Lakes pollution hot-spot list.

The report was prepared on behalf of Environment Canada by both IRIS and York's Schulich School of Business in association with DSS Management Consultants Inc., of which Hanna is a principal. "IRIS provides an exceptional opportunity for university/private partnerships in sustainability research," says Hanna. "The harbour project involved many current and former York students."

Among the York faculty members involved was Professor Peter Victor, an economist and former dean of the Faculty of Environmental Studies, who has partnered with Hanna on several major pollution-related studies in Ontario.

John Shaw, who manages Environment Canada's Great Lakes Sustainability Fund, was so sure of the economic paybacks a cleanup would provide that he commissioned IRIS to find a way to measure the economic, environmental and social impact benefits. That was a unique approach, says Hanna. "Most benefit assessments deal with benefits from the perspective of one group, but do not separate the benefits out as clearly and discretely as is the case here, and certainly not from the perspective of so many diverse interests."

IRIS was established by York University in 2004 to create an interdisciplinary, University-wide research institute that is a focal point for the sustainability-related activities of all 11 Faculties at York. ■

PHOTOGRAPHY BY RSQUARED



BOOKS

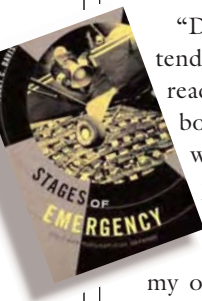
What They're Reading

York people reveal what's on the bedside table

Marlis Schweitzer

Theatre professor, Faculty of Fine Arts

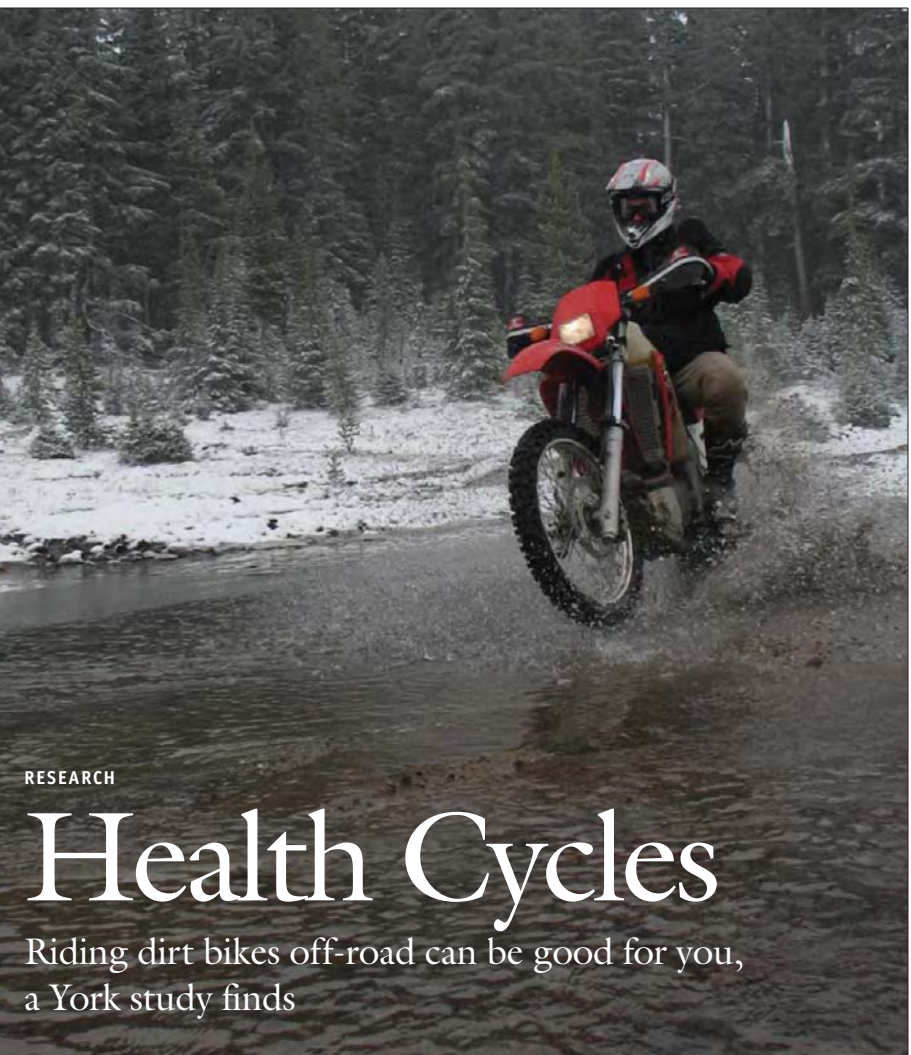
"During the fall and winter, I tend to do a lot of 'sample' reading. I pick up four or five books from the library each week to assist with lecture preparation and scan the online journals for new material on a given topic. For my own research, I tend to drift from book to book until I have the time to commit to a single text. Recently, I've been sampling Tracy Davis's new book *Stages of Emergency* to see where this innovative theatre studies scholar is taking the field and will soon be revisiting Arjun Appadurai's *Modernity at Large* as I embark on a new project with a transnational focus."



John Dupuis

Science librarian and blogger

"I usually have three or four books going at a time, different books for the different times and places I read them. On the endless 196B bus to York I read short fiction; right now it's *The Year's Best Science Fiction: Twenty-Second Annual Collection* edited by Gardner Dozois. The comfy chair in the living room is for non-fiction, usually science or information-related. The one I just finished is *Glut: Mastering Information Through The Ages* by Alex Wright. My bedside book is almost always a novel; *The Yiddish Policemen's Union* by Michael Chabon is an amazing alternate-history detective novel about the Jews settling in Alaska instead of Israel."



RESEARCH

Health Cycles

Riding dirt bikes off-road can be good for you, a York study finds

Get fit riding a motorized dirt bike? It seems counterintuitive but research findings by Jamie Burr, York School of Kinesiology & Health Science researcher, indicate off-roading could be beneficial to your health.

Burr did a pilot study last fall for the Ontario Federation of Trail Riders in which he collected data from 12 riders in both the field and the laboratory. Results indicated that participation in sports such as off-road motorcycling that require physical exertion would be considered hard-to-vigorous exercise. Burr and research colleagues plan to expand this initial study into a national one which, he says, will be much more in-depth and will relate findings to general states of health and wellness.

Why do the study? "We were trying to answer the question, 'Does participation in off-road motorcycling have reasonable energy demands to be considered a legitimate form of exercise?' There's generally been a difference of opinion between off-road motorcycle enthusiasts and health policy makers regarding the potential health benefits of this sport. That could impact the sport's future and funding," Burr says.

The study used a small group of experienced riders in an enduro-style off-road event. Novices were studied at a professional riding school using heart rate monitoring on representative terrain. All 12 riders were later studied at the human performance lab at York to determine maximum oxygen use while walking, jogging and running at maximal exertion, among other tests. "We found off-road riding generally seemed to require physical exertion that would be considered within the range of hard-to-vigorous exercise," says Burr. "But further research still needs to be done to support our initial observations." ■

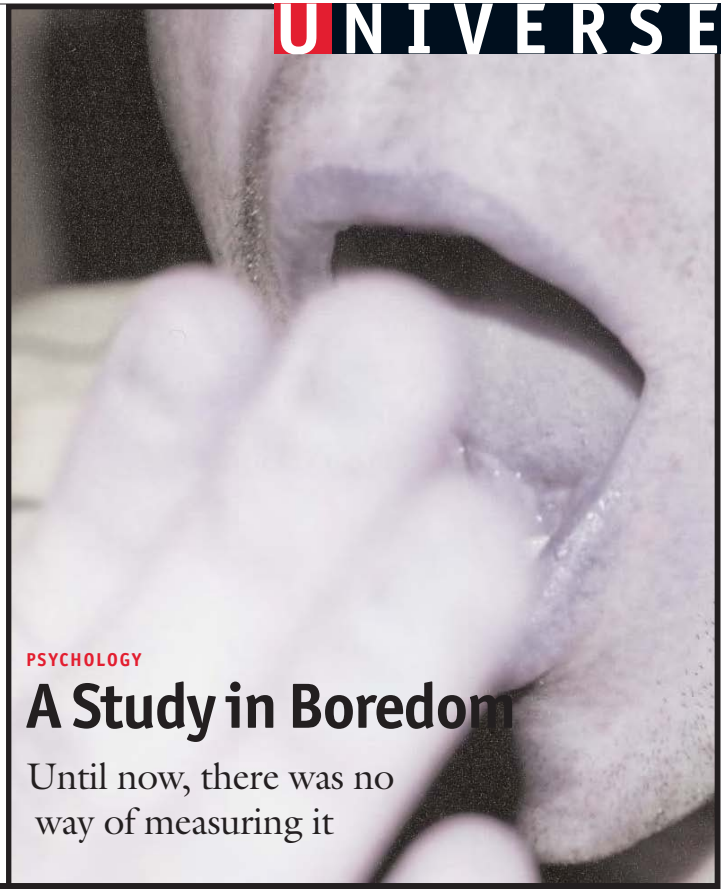
COURTESY MATT HOCKIN - MOTO-GUIDE.COM

We've all faced boredom at some point in our lives. But, curiously, little is understood about the phenomenon. And until now, there was no way to measure boredom "in a given moment," says Shelley Fahlman, a York PhD student in clinical psychology. But that's changed with Fahlman's development of a new scale that measures boredom in a given moment.

Fahlman began her boredom investigations several years ago with an initial study that revealed that "life meaning" was integral to psychological well-being and that it wasn't strictly boredom that caused a person to be depressed. "One reason depression and boredom are found together is because they are both related to the larger issue of one's sense of meaning and purpose in life," Fahlman says.

Fahlman collected 200 individuals' descriptions of what it is like for them to be bored and then analyzed the results in order to develop a scale. She then had a different group of people do "really boring tasks" and fill out surveys in controlled lab conditions in order to test out her measure.

"Boredom is experienced by everyone. I think society underrates its seriousness," says Fahlman. "And because it is a serious problem for many people – and often related to other destructive behaviours – it's important we better understand it." ■



PSYCHOLOGY

A Study in Boredom

Until now, there was no way of measuring it



ESSAYS

Museum Feat

A new book examines how art institutions can cope with modernity

In our post-modern era, dubbed "liquid modernity" by cultural critic Zygmunt Bauman – in which everything is instantly obsolete and modernization takes place for its own sake – how is a modern-day museum or art gallery to cope? Joyce Zemans, director of the York MBA Program in Arts & Media Administration, Schulich School of Business, and Griselda Pollock, professor of social and critical histories, University of Leeds, UK, engage that question in *Museums after Modernism: Strategies of Engagement* – a collection of essays by prominent international artists, curators and art historians.

"Historically oriented to preserve the past, the museum is paradoxically the product of modernity," says Zemans. "It's also a powerful feature of the way we experience art, culture and ourselves in modernity and as moderns."

Zemans and Pollock produced the book to honour the memory of Judith Mastai, whose work as head of public programs at the Vancouver Art Gallery and head of education at the Art Gallery of Ontario had impressed Zemans in her own work as a curator and art historian. Mastai died suddenly in 2001. "With 'Museums' we probe the question: in a rapidly changing, technologically virtualized and transnational world, what can the museum be now?" says Zemans. "This study is intended to look beyond how we can 'manage' the museum to how we can enhance its role as a public place." ■



WORKPLACE

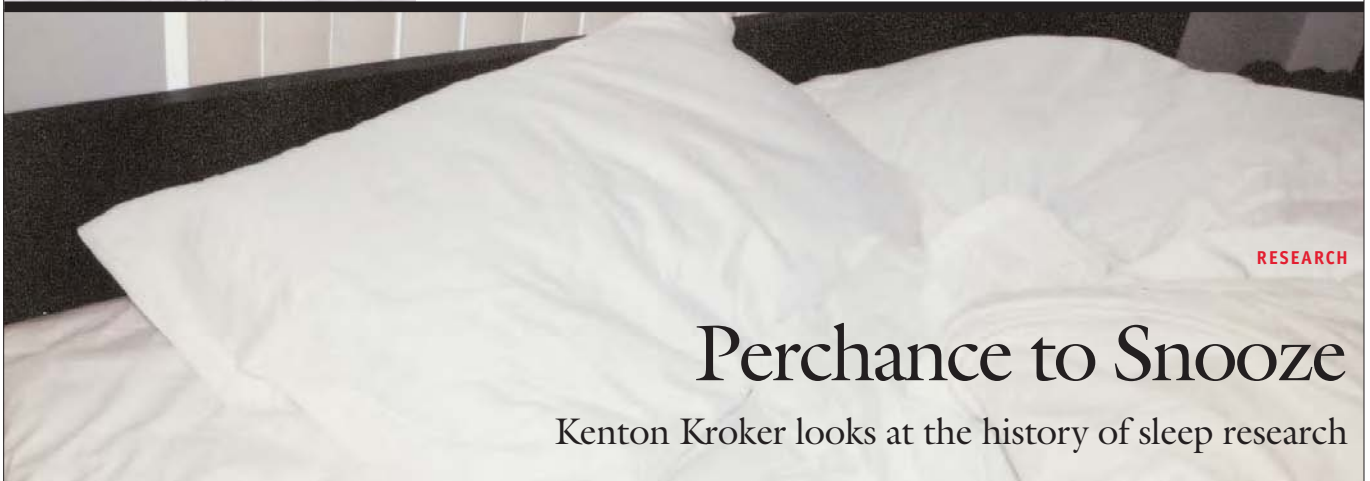
A Fair Chance

Stutterers face job discrimination, a York study finds

Anyone who has ever sat down for that crucial job interview knows there is a lot that can go wrong. We hesitate, stumble over a few words, maybe forget some things we'd meant to mention. But most of us never have to struggle with a disability like severe stuttering, which makes the situation even more difficult. Not only is there added stress, but people who stutter face employment barriers, says Marshall Rice, a stutterer himself since toddlerhood. The Schulich School of Business professor has authored a new study that shows 14 per cent of people who stutter have been told by an employer that they would not be accepted for a position due to their language disability.

Although only one per cent of the population are true stutterers, stuttering affects all aspects of employment, Rice found. His survey of 566 respondents in 37 countries (all of whom stuttered) evaluates the impact of their stuttering in four major work-related areas: employment opportunities, promotions, job responsibilities and performance evaluation. He found 42 per cent of respondents felt job interviews were "cut short" due to their stuttering. Fifty-one per cent felt they would have a better job if they didn't stutter; 30 per cent agreed that at times they had not received a job promotion due to their stuttering; and 48 per cent agreed with the statement that "I have, at times, not been asked or required to perform certain speaking tasks which are typically required of someone in my position."

Rice says his study indicates more needs to be done to educate employers about stuttering. "Clearly, some employers don't understand stuttering or they make incorrect assumptions about a stutterer's abilities," he says. "I've met doctors, lawyers, CEOs – even an auctioneer! – who stutter. What's important is that people who stutter are given a fair chance to prove they can succeed in their jobs." ■



RESEARCH

Perchance to Snooze

Kenton Kroker looks at the history of sleep research

Kenton Kroker can appreciate a good night's sleep, and now the York science & technology studies professor has published a book on "sleep as an investigative object", entitled *The Sleep of Others and the Transformations of Sleep Research* (2007). "My primary field of research is in the historical and social structures of biomedical knowledge," says Kroker, who is based in the Faculty of Science & Engineering. "My current research interests include the history of insomnia and the history of biomedicine, especially the different ways in which instruments and investigative practices interact to generate concepts of health and disease."

In *The Sleep of Others* (the first-ever history of sleep research), Kroker covers just that when he draws on a wide range of material to present the story of how an investigative field – once dominated by dream study – transformed itself

into a laboratory-based discipline. "We've gone from sleep being a private concern, to philosophic speculation and psychological research and, now, to an issue of public health and biomedical intervention," he says.

How did Kroker become interested in sleep research? "Actually, I was in a doctor's office and saw some pamphlets on sleep disorders. That led to getting interested in the history of sleep. I was looking for a master's thesis topic at the time and it seemed like a natural. I expanded my master's into a PhD and, later, the book. Sleep study is really only about a century old. And for a graduate student it was great because there was so little written on it I had pretty much free rein as to what counted and what didn't!"

When not writing books about sleep, Kroker also teaches a graduate humanities course entitled "Knowing Dreaming." You can bet it isn't a snore. ■

PHOTOGRAPHY BY RSQUARED

Podcasting Hit

Christopher Green makes the history of psych come alive online

Sometimes lectures and books just aren't enough, so psychology Professor Christopher Green thought he'd jump on the technology bandwagon and produce his own series of weekly podcasts to make York's history of psychology courses really stand out. The result has been "This Week in the History of Psychology" and it got 50,000 episode downloads in its first year.

"Each episode is about 25 minutes and it's available free to anyone who's interested," says Green. "The idea was to bring the topic of the history of psychology alive since many students find it rather dry." Each episode features a 15-20 minute interview with a published historian on a topic from that week in psychology's past, including events involving such favourites as Sigmund Freud and B.F. Skinner.

The beauty of using Web-based technology is that

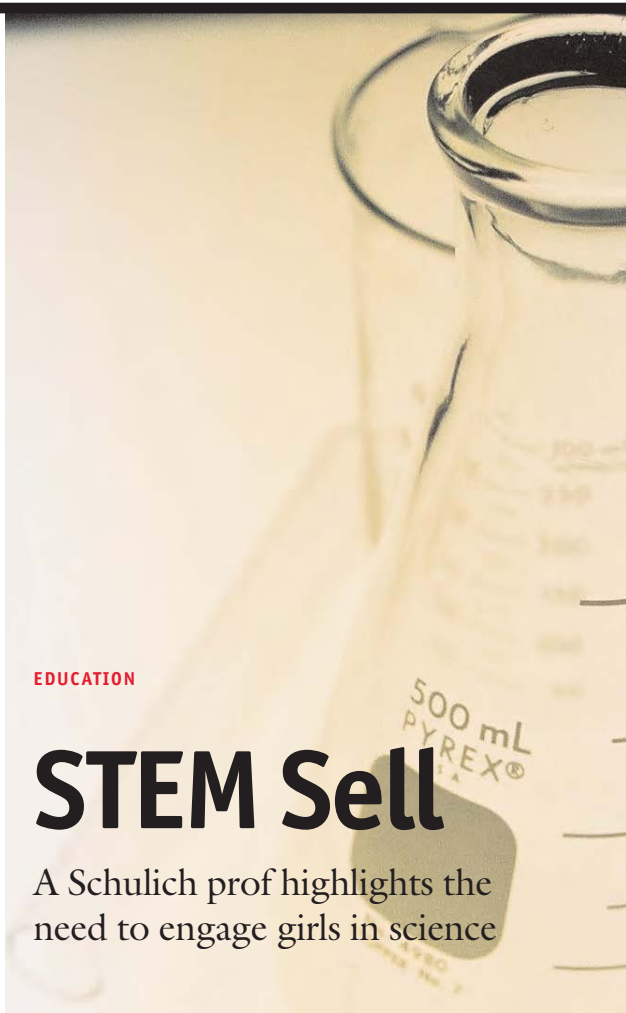
interest in Green's podcasts isn't limited to Canadian students. Professors outside Canada, such as Texas A&M Professor Ludy Benjamin, gave his psych students extra credit for listening to Green's productions. "He is very well known in history-of-psychology and teaching-of-psychology circles," says Green. The series is now being used in dozens of history of psych courses across North America, says Green.

The entire series of 30 shows is available on iTunes (search "This Week in the History of Psychology") or at Green's Web site (yorku.ca/christo). Green describes the response to his series so far as "tremendous". "I still have a harder time convincing professors to adopt podcasts – many of them aren't sure what a podcast is – compared to students, for whom podcasts are now second nature." ■

Dr. Myra Sadker (1943-1995), who pioneered much of the research documenting gender bias in education, once said, "If the cure for cancer is in the mind of a girl, we might never find it." Now Schulich School of Business Professor Ronald Burke is echoing Sadker's prediction in a new book dealing with the looming shortage of science, technology, engineering and mathematics (STEM) researchers and workers, and the lack of women and minorities entering STEM professions. One way to head off the crisis would be to encourage more women and minorities to enter postsecondary studies in STEM, he says. But sadly, many prestige universities such as MIT and Harvard have the lowest female enrolment in North America in areas such as physics.

Women and Minorities in Science, Technology, Engineering and Mathematics: Upping the Numbers draws together essays by academics and experts, including co-editor Burke, highlighting the challenges women and minorities face at various stages of the STEM journey. It offers "action strategies" on such topics as: How do you make science interesting to girls? How do you make sure they take science courses in high school and encourage them to do so at university?

"There is convincing evidence that scientific excellence and technological innovation were and still are important for both past and future economic performance," says Burke. "This is a wake-up call. Countries like China and India are outperforming us when it comes to encouraging women to enter STEM professions." Burke says the book will be valuable for women trying to understand what kinds of careers are out there, and informative for policy makers at all levels as well as for women already in STEM fields. ■



EDUCATION

STEM Sell

A Schulich prof highlights the need to engage girls in science

York's Jose Etcheverry is on a mission to convince Canada that renewable energy works – and time is running short.

BY MICHAEL TODD

PHOTOGRAPHY BY JEFF KIRK

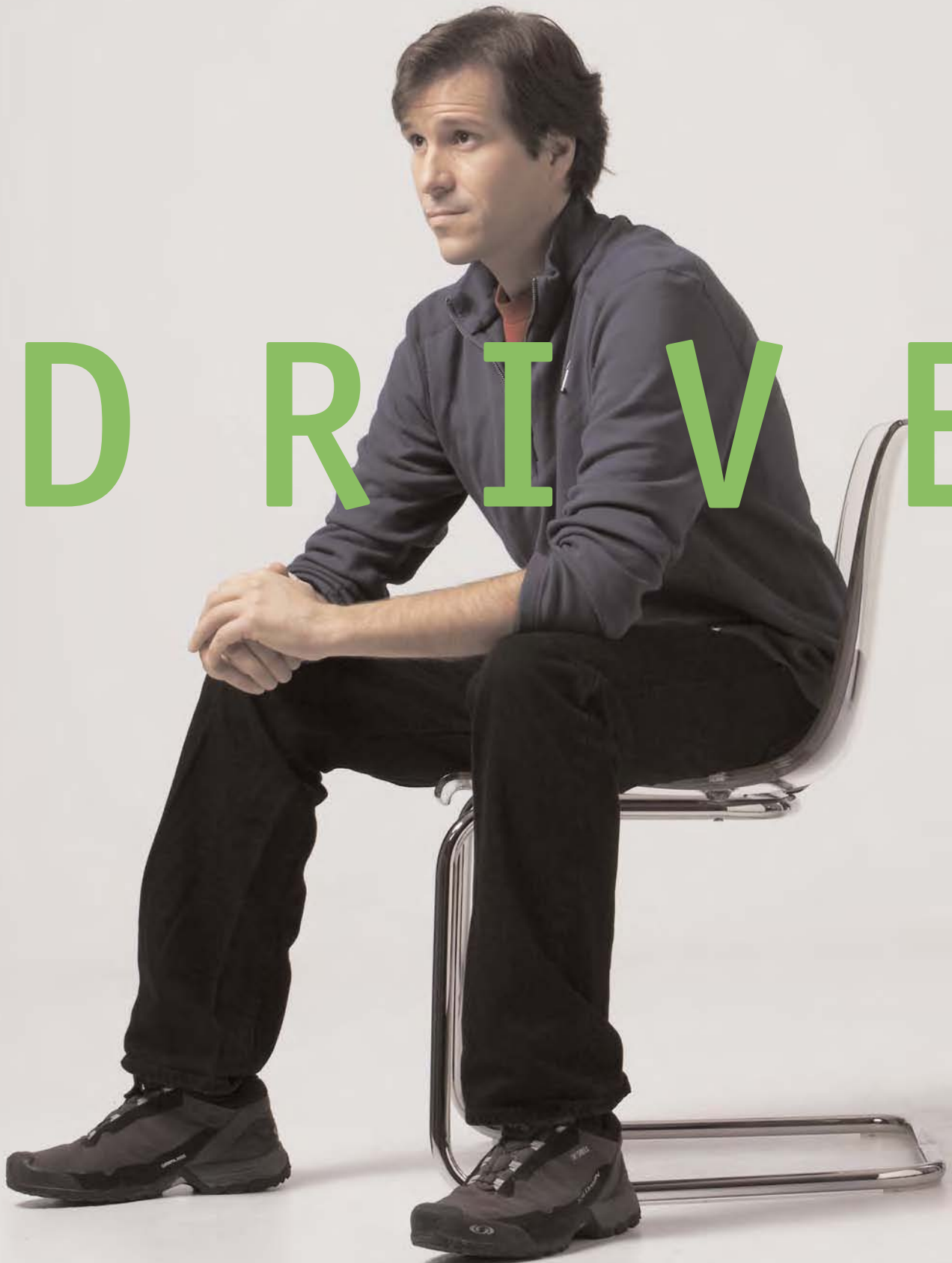
POWER

JOSE ETCHEVERRY IS PUMPED. With the recent Ontario Liberal victory still fresh, he is “cautiously optimistic” that people like Premier Dalton McGuinty and his new energy minister will be seriously listening to people such as himself in the not-too-distant future. In fact, a variety of local and international politicians, including McGuinty, have already conferred with Etcheverry on matters of energy policy and Etcheverry can't wait to discuss the possibilities of local, sustainable, clean and renewable energy sources – such as wind and solar.

It's not surprising really that Etcheverry and McGuinty have talked. Anything over a two-minute conversation with Etcheverry – who was recently hired for a permanent teaching position at York in the Faculty of Environmental Studies while he finishes his PhD – and you're aware of his passion for “fighting the good fight”. But he is nothing if not humble about his luck at “being the right guy in the right place at the right time.” Ego, he says, plays no part in his mission to promote cleaner, greener ways to power cars and coffeemakers.

It isn't only high-level politicians who listen to what Etcheverry has to say. Environmental heavyweights such as David Suzuki are well aware of Etcheverry's ability to talk scientific and economic sense about an issue that is often clouded by well-meaning, but sometimes ill-informed, sentiment. Such awareness may be why he served as a research and policy analyst on climate change with the David Suzuki Foundation (a position he still holds part-time).

D R I V E



Etcheverry got his honours BA in geography and environmental studies from York in 1996 (he was among the first students to take the environmental studies undergrad program, previously offered only at the master's level). He later received his master's from the University of Toronto and is currently pursuing PhD research there focused on renewable energy technology transfer, climate change and energy policy. In coming to York, Etcheverry has joined a wide group of faculty who are actively engaged in studying and solving environmental issues and helping society deal with them (see following stories).

In FES Etcheverry teaches about climate change and sustainable energy policies. Outside the classroom, he is on the steering committee of the Canadian Renewable Energy Alliance and a member of the board of BC's Sustainable Energy Association, among other affiliations. In 2006 he was appointed by Hermann Scheer, the much-honoured general chairman, to become one of the chairs of the World Council for Renewable Energy. He has also represented Suzuki on an advisory committee to former Ontario energy minister Dwight Duncan, now finance minister.

These days Etcheverry is worried that if Ontario and Canada do not act soon ("we have a five-year window and are rapidly approaching the fork in the road"), we will be among the global energy revolution's losers, not winners. "My work is focused on developing practical policy solutions to climate change through collaboration," says Chile-born Etcheverry, who has worked in Europe, South America and Mexico on energy issues (he's focusing on analysis of climate change policies in Mexico in 2007-2008 and is talking directly to the energy advisers of Mexico's president). One of his current projects involves development of the World Wind Energy Institute – a new training network involving renewable energy centres located in Brazil, Canada, Cuba, China, Denmark, Egypt and Russia.

"Ontario is out shopping for electricity solutions right now and that's why I'm pleased about the recent election, because the Suzuki Foundation has already done some good ground-work there. The new renewable power options are extraordinary. The best part is, many of them have huge potential in Canada and we have large and small-scale solutions for the coming carbon crunch.

"We can think of these renewable solutions – sun, wind, water – as something like the Web, a kind of energy Web. If you think of what the Internet looked like 30 years ago, that's what our power generation is like now. The new power grid – using

small scale, local, just-in-time power generating sources – will behave very much like the Internet. Flexible. Not centralized in one big location. Able to interconnect. The days of the old grid are numbered. Right now we buy power from outside Ontario. I argue that's big money not benefiting our local economy. Instead it's exported away from our province. What I'm saying is, we have the expertise to build and implement these new renewable power sources locally and the money will stay here and create jobs and benefit our economy."

Etcheverry says many people are still stuck in the old power mindset, but he notes the old model's ultimate undoing will be its high cost. "Building reactors and all the infrastructure needed to go with them is astronomically expensive compared to local options that are cost-effective and can be scaled up or down, and are cleaner and more reliable than the old models."

We need to put the pieces together sooner rather than

later, he says. "Mixing hydro with intermittent renewables is a no-brainer. It's been done for some time and it works. There are lots of low-tech options such as pumped storage [where you pump back to a reservoir the water you need to generate electricity, using spare electrical capacity]. Distributed generation such as wind farms, solar and high-tech storage batteries are here. There's a Zebra battery installation [for energy storage] in Halton right now. Smart meters are being installed throughout the province. So key bits of the puzzle already exist here in Ontario. But we need to put it all together.

"The other advantage is that if we get it together we can decrease our energy consumption and lower pollution. This buys us time to develop other technologies. Ontario has already reduced overall electrical energy consumption last year by 2.5 per cent, and that was taking weather and business as usual into account, so this is doable."

Very doable, Etcheverry stresses. "It takes a minimum of 10 years to build a nuclear plant – to say nothing about the issues of security and the problems around radioactive waste disposal – but you can build a wind farm or a combined heat and power plant in a few months and back them up with storage options to have a reliable and clean energy supply year round.

"Ontario is in a perfect position. We have the resources, the workforce, the transportation network and the technological expertise to do this here – we'll be able to create good jobs, increase wealth, help the local economy and move into a better future. What we need now is strong political will and sound policy directions."

Hello, Dalton McGuinty? There's a call for you. ■

'Mixing hydro with intermittent renewables is a no-brainer. It's been done for some time and it works.'

LEADERSHIP 50

York University's 50th anniversary fundraising campaign, York to the Power of 50, is more than \$144 million toward its \$200 million goal. Thanks to the support of the York community, over the last five years revenue has more than doubled and donor numbers have increased by 70%.



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YORK TO THE POWER OF 50

GREEN GALLERY

Here are five of York's many researchers who are working on environmental issues.

Losing the Buzz

Laurence Packer sounds the alarm about bees.

BY MARTHA TANCOCK

PHOTOGRAPHY BY LINDSAY LOZON

IT TAKES NO GREAT LEAP FOR LAURENCE PACKER to imagine a world without bees. He's been monitoring their populations for years, long before the shocking news in 2006 that half the honeybees had mysteriously disappeared in the US and Europe. "When you lose bees, you lose flowers and all the things that feed upon those flowers," says Packer. "You get a much simpler natural world." Bees pollinate a third of the world's food crops and 95 per cent of its flowers. Without them, wave goodbye to fruit, berries, most vegetables and nuts, and watch the colour drain from nature's palette.

Packer, a biology professor in the Faculty of Science & Engineering, has been sounding the alarm for some time. "Bees are the agricultural equivalent of canaries in a coal mine and their death signifies a much larger problem." Since he became besotted with the iridescent creatures as an undergraduate student in Britain, Packer has been a keen observer of the non-honeybee "canaries" (he studies all but honeybees). He's travelled all over the world on field trips and routinely adds new species to his vast 80,000-specimen collection. These days, he is dispatching graduate students to Patagonia, Costa Rican coffee plantations and restored oak savannahs to assess the impact of habitat change on the biodiversity of native bees, whose survival is critical if honeybees disappear. Two years ago, a researcher returned with the disturbing news that many bumblebee species are in severe decline in Ontario and one is probably extinct.

While habitat loss may explain the disappearance of bees, so might genetics. Packer's lab has also found that bees are 10 times more prone to extinction than other organisms because their sex-determining system can turn females into sterile drones. Small populations are especially vulnerable.

Lately, Packer has turned his focus on classification. His PhD students are cataloguing and reclassifying bees using DNA barcoding and detailed identification keys he has developed. Their efforts are previewed in the *Canadian Journal of Arthropod Identification* and will ultimately appear on a database Packer wants to create to avail his collection, now stacked in drawers in his lab, to every scientist and backyard gardener via the Internet. The database will also feature stunning, almost three-dimensional digital images. It's an ambitious project that Packer hopes will raise awareness – and concern – about his cherished bees. "I want people to watch bees the way they watch birds. People don't love things unless they know about them."



EVERY INCOMING MBA STUDENT at the Schulich School of Business takes Professor Irene Henriques' class on how to create shareholder wealth in a way that "drives towards a more sustainable world." The goal is ambitious, but the economist argues that with "ingenuity, passion and leadership, anything is possible." Her own passion for the subject has led to her participation in a string of national and international committees; she now chairs the public advisory committee to the NAFTA-related Commission for Environmental Cooperation of North America. "I love this whole area because it combines economics, business, sociology, policy and politics, though each can give you a really big headache!"

A 17-year Schulich veteran and an executive member of York's Institute for Research & Innovation in Sustainability, Henriques says her fascination with the economics of sustainability was sparked after she finished her PhD thesis. The subject was R & D, and how one company's invention of an improved production method is sometimes, without payment, adopted by others – a "positive" spillover, she argued, since society as a whole benefits.

That led her to think about negative spillover – how companies rarely pay or account for the harm they do to the environment. Henriques, who grew up in Montreal, the child of Portuguese immigrants and the first in her family to go to university, joined Schulich in 1990. At the time, there was very little research on what Canadian businesses were doing about environmental issues. "It just wasn't on the radar."

So in 1992 she and a colleague did a national survey and found that companies were further ahead than government in "reading the tea leaves" about environmental issues. As a result of that work, she was asked to join an OECD committee to look at the issue internationally, focusing on manufacturing. There she learned that regulations and enforcement are critical to getting companies onside with environmental concerns. "A huge concern of mine is how government has backed away and allowed for voluntary environmental programs. The result is that you have no third-party verification to build confidence in what is happening." Governments have to display leadership and promote goals, she says.

Henriques' personal motto is that you only have control over about 15 per cent of your time and should use it to focus on things you can influence, in her case students and research. "I love doing the research. I think, man oh man, this is so much fun." And in class, "I try to instill a way of thinking, to get students to question why we do things the way we do."

On the Radar Early

Irene Henriques promotes profitable sustainability.

BY ANN SILVERSIDES

PHOTOGRAPHY BY LIAM SHARP



A close-up portrait of Charles Hopkins, a middle-aged man with grey hair and a mustache, looking slightly to the right. The background is a dark, vertically striped pattern.

Teaching Teachers

Charles Hopkins builds sustainability into education.

BY ANN SILVERSIDES

PHOTOGRAPHY BY JEFF KIRK

EDUCATION PROFESSOR CHARLES HOPKINS spends more than two-thirds of each year outside Canada, which explains why it can sometimes be difficult to track him down. “York has been kind,” says the globe-trotting educator, pointing to his compact teaching schedule (two days a week in the fall, and one in the winter) which leaves the remainder of each week free for travel. Hopkins is driven by a passion to promote education for sustainable development, worldwide. “What message do we give the kids? How do we build our school systems? We all need to make some pretty significant changes to our lifestyle if we want to continue to live on this planet for a while.”

His passion is not new – he helped draft the education chapter in Agenda 21, the key document from the 1992 Earth Summit in Rio de Janeiro – but it has flowered. Most of Hopkins’ current international commitments stem from the fact that he holds not one, but two United Nations Chairs at York: the UNESCO Chair in Reorienting Teacher Education to Address Sustainability, and the United Nations University Chair in Education for Sustainable Development.

Hopkins arrived at York in 1997 after a distinguished career in the public school system. He was the founder and principal of the Boyne River Natural Science School in Ontario, a favourite among students until funding cuts led to its demise. By the time he decided to call it quits, he was superintendent, curriculum, for

the Toronto District School Board. Mike Harris had become premier of Ontario and budgets were slashed. “I just couldn’t stay and see everything that we had built up over the years be destroyed,” Hopkins explains.

He began his York career advising the dean of education on ways to change teacher education to better incorporate environmental and sustainable development concerns, and he continued to work his international connections. One of his projects is a research cluster – based at 35 universities in 33 countries, with York as the Canadian site – that is further developing guidelines on reorienting teacher education. Another is a UNESCO initiative to revitalize technical and vocational education around the world, building sustainability into the curriculum. He is particularly proud of the Sustainability and Education Academy (SEdA), a York initiative that he spearheaded. The academy brings together Canadian directors of education, senior superintendents, York professors and international experts to brainstorm ideas on promoting sustainable development in the public school system.

“We don’t want to just add the subject to the curriculum,” Hopkins stresses. “We want to learn our way into informed action, to see how the school system can model sustainable development through purchasing policies and environmental retrofits, and to share best practices.”



Yes, It's Real

Jack McConnell knows the truth about climate change well.

BY DAVID FULLER

PHOTOGRAPHY BY KC ARMSTRONG

ASK PROFESSOR JACK MCCONNELL FOR HIS OPINION on climate change and you'll get a flood of stories about Arctic waterways, microsattellites, pollution and politics. This isn't surprising, coming from the principal investigator at York's recently opened Gordon G. Shepherd Atmospheric Research Facility, and McConnell happily admits to being a long-time proselytizer about the need for humans to clean up their act. "People always ask me, 'Is climate change real?' and I say 'Yes, it's human-induced, you know.' Ten years ago they would say, 'Ah, you're stupid.' Now, it's beginning to seep in."

McConnell was one of 90 scientists from across the country, including three at York, who signed a letter to Prime Minister Stephen Harper in April 2006, calling for Canada to take a leading role in fighting global warming. For starters, McConnell says, the government could reinstate environmental monitoring programs cut by both Liberal and Conservative governments over the past 10 years. "They're saying things like, 'ozone is not an issue anymore' and 'we know all we need to know about climate change'. Well, things change and you have to be sure you

catch the change early enough," he explains.

Being able to monitor the atmosphere locally was one of the goals behind the addition of a new floor on top of the Keele campus's Petrie Building, where the research facility is located. Special roof hatches allow McConnell's colleagues in York's Centre for Research in Earth & Space Science to sample air quality and test new instruments. He and others in the Faculty of Science & Engineering are also proposing new projects to the Canadian Space Agency for satellite measurements of weather in Canada's Arctic, where climate change is melting the ice cap and fuelling concerns about pollution and sovereignty over waters that were once frozen Canadian territory. "There will be more and more ship traffic through the Arctic," McConnell says, noting one ship can produce as much pollution as a small town.

Although optimistic we'll come through this global crisis, where climate change is now measured in decades instead of centuries, McConnell admits he's still concerned. "I always get a little bit nervous," he says. "Things are happening a lot faster than some of the current models predicted."

Arctic Meltdown

Hydrologist Kathy Young finds summer snowbeds are beginning to disappear. BY MARTHA TANCOCK

PHOTOGRAPHY BY KC ARMSTRONG

KATHY YOUNG IS NO ALARMIST. When a rash of giant Arctic mudslides made the national news last fall as yet more proof of global warming, she wondered at the fuss. She'd seen something similar almost 20 years ago. "Just because it happens in one place," she says, "doesn't mean it's happening everywhere in the Arctic." Her perspective is resolutely unapocalyptic.

That said, the York hydrologist who has been studying Arctic wetlands for 23 years was taken by complete surprise last August when she made her annual research trek to Resolute Bay in Nunavut. Some "late-lying" snowbeds in the area – so massive they endure for decades – had disappeared. They'd shrunk over the past 10 years but, even after record high temperatures last July, Young never imagined they'd vanish.

"It's really shocking," says the 46-year-old professor, based in the Department of Geography, Faculty of Arts. She spends precious summers studying such phenomena – and recharging her spirit – in the still, white beauty of Canada's North. "Snowbeds are really important because they keep wetlands saturated after the main snowmelt."

In a complex ecosystem like Polar Bear Pass, her current focus, the impact could be widespread and devastating. A lot is known about the flora and fauna but little about the hydrology

of the 100-square-kilometre wetland cutting across uninhabited Bathurst Island, northwest of Resolute. In summer, this designated wildlife sanctuary blooms with sedges and grasses, arctic poppies and mosses and is home to foxes, wolves and lemmings. Here polar bears hibernate, caribou and muskox graze and migratory birds rest. Changes in water flow patterns and water storage are bound to affect plant growth and grazing patterns – though they haven't yet. Young wants to find out why. What happens here could happen in other Arctic wetlands.

She and her graduate students are carefully monitoring and correlating changes – by aerial mapping of ponds and lakes, sampling snowbeds and ground ice, and collecting data at four all-weather, polar bear-proof stations. So far, they've found that isolated ponds and small patchy wetlands may be drying up – but those whose water source is a nearby snowbed are persisting despite longer, warmer summers. So the state of the snowbeds is critical.

Young and fellow Arctic hydrologists will share their analysis with hunters and trappers in Iqaluit and Pangnirtung on Baffin Island when they visit for a "floating" conference next year. If the conference title – Hydrological Uncertainty – is any clue, nobody really knows what surprises lie ahead. ■

A Sudden Windfall



How once-wealthy entrepreneur Brent Kopperson lost everything – and re-emerged as an environmental crusader.

BY DIANNE RINEHART

PHOTOGRAPHY BY RYAN CARTER

BRENT KOPPERSON THOUGHT HE'D DIED and gone to heaven when he got a job with a landscaping crew at a cemetery. "I was totally reborn," he says of the unusual job that pulled him from his funk after his multimillion-dollar business, Backstage Pass, went under – courtesy of a comptroller who cooked the books. In the aftermath, Kopperson had lost everything – his home, marriage and friendship with his business partner. And he was broke. "There was a feeding frenzy [among bankers and suppliers], and by the time it was over there was just an empty shell – and pretty much I was empty too."

Finding salvation in a cemetery may sound crazy – especially after you've headed a marketing company with star clients such as Madonna and The Beatles, and owned a four-bedroom home with a swimming pool and an SUV. But when Kopperson found himself jobless, homeless and penniless, he decided he needed a change. "I always thought the plan was to go out and make as much money as I could and do what I wanted," says Kopperson (BBA '78). "But it didn't work out and I realized that was not a good plan. My new strategy was not to make money, but to do what I wanted to do." And till he found out what that was, he wanted serenity. "I couldn't go into an office again." At the cemetery, he found himself laughing once more, enjoying the camaraderie of the landscaping crew.

And ironically, it was thanks to the dead that Kopperson found his new life. "On the way home I would drive past this old farmhouse on top of a hill with a windmill and solar panels. I thought, this guy is doing something cool, and I wanted to find out what it was about." So he stopped one night, knocked on the door, and when it opened, was introduced to his future. "We spent a couple of hours talking about how they were trying to reduce their footprint on the planet. That lit the fuse."

Soon after, the former entrepreneur launched Windfall Ecology Centre, a non-profit that provides individuals, communities and governments with solutions to environmental problems. "Windfall is known for its innovation and ability to design and deliver [environmental] programs," says Kopperson. The name came from sitting under an apple tree in the graveyard. "The apples were plunking down around me as they fell off the tree, and I thought, there's a lesson here: If you take care of things and leave nature alone, it provides."

Starting with an idea to help people reduce energy use in their homes, Kopperson applied for a grant from the Ontario Trillium Foundation – "and Windfall grew out of that." The

organization, founded in 1998 and now situated in 50 acres of hardwood forest in Aurora, Ont., does energy evaluations for homeowners, including the entire Georgina Island First Nation. It's also contracted by Ontario Power Authority to assess low-income homes, where families pay disproportionate amounts for heating.

But Windfall was just the start. An interest in wind energy led Kopperson to co-found the Ontario Sustainable Energy Association. He was also present at the creation of the Canadian Renewable Energy Alliance and the Community Power Fund, and is chair of Green Communities Canada. Why start so many organizations? "So often, when we want to accomplish something, we get stopped by a regulatory or policy program," he says. That's when he launches a new non-profit to create solutions officialdom can adopt, such as a program to grant government contracts for renewable energy so individuals obtain loans to build infrastructure to create it. "It's all about removing barriers."

And his environmental efforts don't stop at Canada's borders. Kopperson is also a director with the World Wind Energy Association, and has participated in international negotiations on the environment since 2002 through his membership in international non-government organizations. At one point, Climate Action Network recommended him for an NGO position with the Canadian delegation at UN negotiations on climate change and he later was granted official UN observer status for Windfall.

For Kopperson, the journey has come full circle. Recently, "I was addressing 150 CEOs from York Region and I was thinking I was in a room with a bunch of unlikely environmentalists. But the fact is, I'm an unlikely environmentalist too. I did drive an SUV and I had a perfectly manicured lawn, and I did a lot of things unconsciously as I pursued the Canadian dream. After I lost everything, I realized that none of that stuff made me happy." So he's particularly glad to see curriculums changing in business programs. "I think schools are looking at business quite differently now," he says. "I see courses on environmentalism and ethics and corporate responsibility, which you never used to see."

Now, as Kopperson makes plans to build a straw-bale house with his new partner Violet Chew, he sees a very different business life than he initially envisioned: "I'm part of a new breed of social entrepreneurs. Those basic business skills I learned at York? I'm applying them in ways I never imagined." ■



Seven key ways York is promoting conservation on campus. BY MICHAEL TODD

Wise Decision

“YORKWISE” IS A UNIVERSITY-WIDE INITIATIVE that supports sustainability and quality of life on campus. It promotes local green actions like turning off lights when offices are vacant – or using the Yorkwise mug. Costing a mere \$5, the mug is made in Canada out of recycled plastic. But the best part is that when you use it at many campus food locations you receive a discount on your coffee and tea purchases. Result? It’ll pay for itself and make the world just a bit greener by reducing non-recyclable garbage from coated and Styrofoam cups. Another Yorkwise initiative is the “Campus Cleanup” program which helps raise the profile of litter prevention efforts. Other York green initiatives include waste recycling. In 1990, the University adopted a policy to achieve a 50-per-cent reduction in waste by

Buses serving the Keele campus daily:

2000: 605
2006: 1,650

H₂O use at York, per student:

2002: 30,516 litres
2006: 25,061 litres

the year 2000 (it achieved 40 per cent). By 2005, York had succeeded – 52 per cent of total waste was being recycled.

Save Your Energy

YORK, LIKE OTHER CANADIAN UNIVERSITIES, faced the need to renew aging infrastructure because of rising utility costs and reduced operating budgets. In 2006, York embarked on a program to reduce overall energy consumption by 20 per cent by 2009 – equivalent to 275,000 gigajoules of energy or 18,900 tonnes of carbon dioxide emissions per year. The next step is to retrofit approximately 50 academic and science buildings – totaling 4.5 million square feet at the Keele and Glendon campuses – with more energy-efficient heating and lighting systems.

Number of parking permits issued:

2000: 21,552

2006: 15,757

Fair Enough

LAS NUBES COFFEE, a sustainably grown Fair Trade blend that's sold at the Las Nubes Café (Computer Science & Engineering Bldg.) and in more than 160 Timothy's World Coffee outlets is not only tasty but socially responsible. York University and the Faculty of Environmental Studies, along with CoopeAgri, a farmer's cooperative in southern Costa Rica, and Timothy's, formed a unique partnership advancing rural sustainable development in the ecologically precious region next to York's Las Nubes rainforest reserve in Costa Rica. CoopeAgri and FES have promoted the certification of small coffee farms within the Las Nubes region as "sustainable" by the Costa Rican Ministry of Agriculture (it is also certified Fair Trade by Transfair Canada). Las Nubes Coffee sales improve the living conditions of local farm families as well as contribute to research and conservation activities of the York-based Fisher Fund for Neotropical Conservation.

Solid waste produced at York, per capita:

2002: 50.14 kg

2006: 38.84 kg

Top Roofs

YORK IS USING MOTHER NATURE'S own homegrown "smart technology" in the form of plants on roofs situated on both the Pond Road Residence and the Computer Science & Engineering (CSE) Building. Roof gardens on both buildings serve as insulation and control the discharge of rain water into the sewers. CSE is also the first cold-weather, green building built by a Canadian university. The three-storey, 9,300-square-metre building uses natural ventilation and has no traditional duct work. It saves 68 per cent of the energy required to heat, cool and light other similar-size buildings. Over a period of 75 years, estimates are that CSE will save the equivalent of 85,700 tonnes of greenhouse gas emissions, or one barrel of oil per occupant per year. Across campus, the Technology Enhanced Learning Building boasts a structure that uses about one-third of the usual energy needed to heat and cool such a building.

Steam is Clean

EVERYONE LIKES TO SAVE MONEY heating their home, especially if it's using a clean energy source, and York is no exception, which is why the University is all fired up about its investment in cogenerators. York's two cogenerators – using natural gas to produce electricity and steam simultaneously – help support campus operations. Steam turbines produce enough electricity to supply 60 per cent of the Keele campus's needs. The steam heats campus buildings during the winter, is used to produce domestic hot water and even warms up the Tait McKenzie swimming pool.

York's oil use for power generation when gas is not available:

2003: 25.9 million megajoules

2006: 2.4 million megajoules

Get Smart

YORK UNIVERSITY IS ONE of the founding partners of Smart Commute – North Toronto, Vaughan. Smart Commute is an award-winning non-profit agency that joins with businesses in north Toronto and Vaughan to reduce traffic congestion and to advocate for sustainable transportation, as well as help reduce business costs, improve air quality and foster a healthier work environment.

CO₂ emissions at York, per capita:

2002: 1,454 kg

2006: 1,224 kg

Hoe, Hoe, Hoe

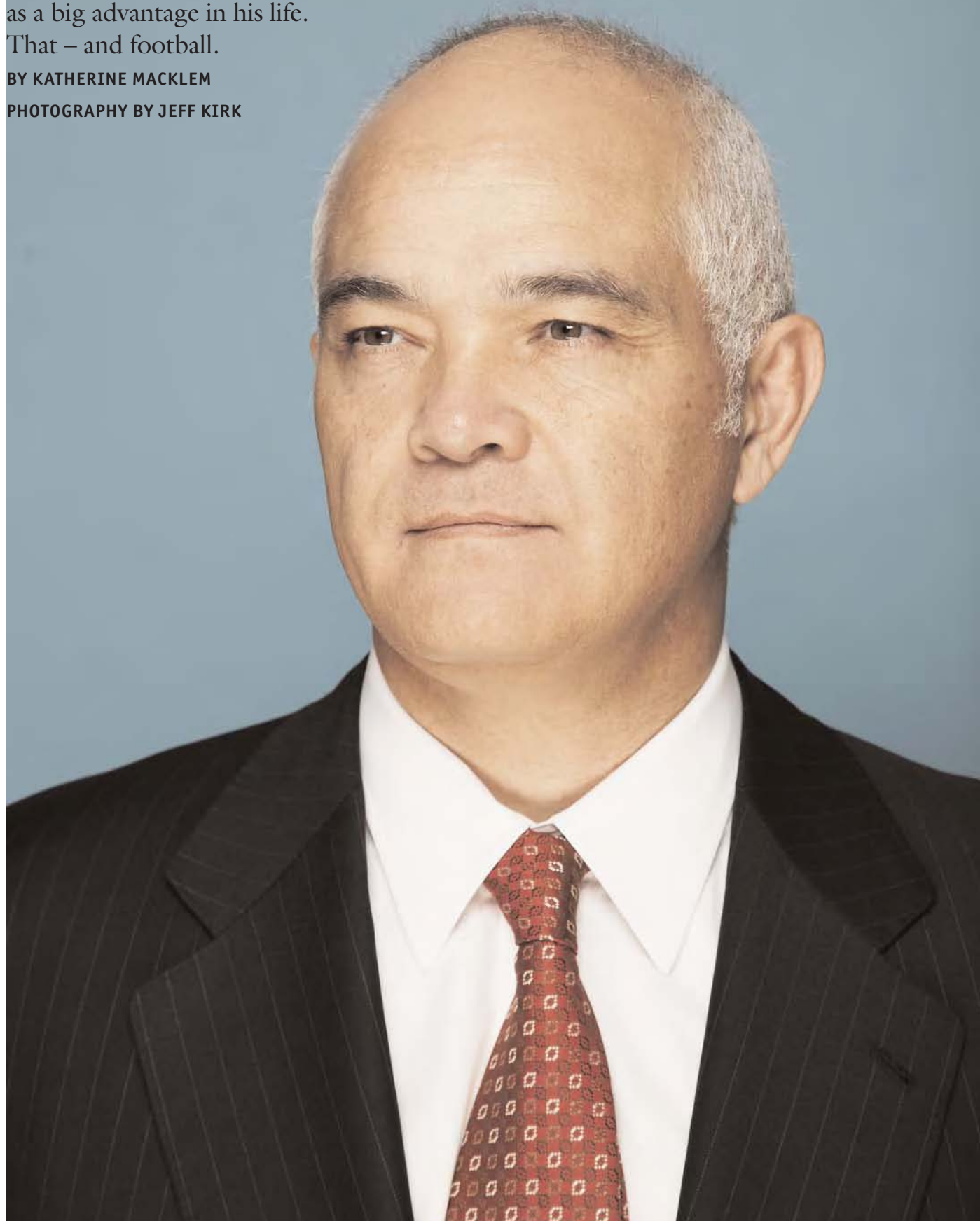
YORK HAS ITS OWN COMMUNITY GARDEN known as the Maloca Garden, established by Faculty of Environmental Studies students in 1999, and located west of the graduate Assiniboine Apartments. The garden currently has over a dozen individual plots and one large communal plot. Maloca is maintained by members of the York community including students, staff, faculty and alumni as well as friends and family members. ■

champion of diversity

Top banker and key York fundraiser
Bill Hatanaka sees multiculturalism
as a big advantage in his life.
That – and football.

BY KATHERINE MACKLEM

PHOTOGRAPHY BY JEFF KIRK



IN ONE OF THE MOST THRILLING Grey Cup games ever, the 64th Cup in 1976, Bill Hatanaka scored a dramatic touchdown for the Ottawa Rough Riders. Though among the smallest players in the game at 172 lbs., Hatanaka set a record for the longest Canadian Football League punt return for a touchdown. His 79-yard run confirmed underdog Ottawa's early lead over Saskatchewan, and his team went on to win the championship 23-20. Today, as one of Canada's most senior bank executives, Hatanaka (BA Hons '77) attributes much of his business success to lessons learned on the gridiron. "I love to observe excellence in all its forms," says Hatanaka. "Many of the things I learned in football have had a profound influence on my business career."

He learned that team work matters. He found out about his own inner strength. "The more intense the situation, the more relaxed I felt," he recalls. "I learned that even in deeply stressful conditions, I'm able to perform well. That is one capability that has given me a lot of confidence throughout my business career."

And Hatanaka, a star player with the old York Yeomen, realized that those who come before you help pave the way. "When I crossed the goal line, playing in that Grey Cup," he recalls, "I thought of the players that had gone before me at York University." The University and its football program were very young when he was a student, studying sociology and economics. "We all realized it would take several years before we had the critical mass to be thoroughly competitive."

Now, as co-chair of the \$200-million "York to the Power of 50" campaign celebrating York's 50th anniversary next year, Hatanaka sees critical mass at all levels of the institution: "York University is just coming into the spotlight. It is an unbelievably progressive, world-class university." Already, he notes, the campaign is showing major success, having surpassed the \$144-million mark.

The drive, confidence and striving for excellence that Hatanaka honed as a football player have certainly paid off. Chairman and CEO of TD Waterhouse Canada, and head of TD Bank's huge wealth management business, Hatanaka has enjoyed a stellar career in the brokerage and banking industry. But the executive title he seems most proud of is chairman of the bank's Diversity Leadership Council, which champions diversity throughout the organization. It's a subject near and dear to Hatanaka, himself a textbook role model.

Born in New Brunswick to a Japanese-Canadian mother and a father with Scottish, French and Aboriginal origins, Hatanaka

moved at the age of one with his mother to Toronto's eastern suburb of Scarborough. His father, a professional boxer, had been tragically killed in a plane crash just a month before Hatanaka's birth. His mother eventually remarried and Hatanaka grew up in a Japanese-Canadian household. In Scarborough, he lived among many first-generation immigrant families. "I always had a gang of buddies that I ran with day and night," he recalls. "I had a great childhood in a very multi-ethnic community."

Today, Hatanaka is the father of four: two sons aged 20 and 21 – an age group he refers to as "a diversity category of its own" – and twin eight-year-old daughters, adopted from China. His wife, a red-headed Irish-Canadian, is "the visible minority in our household," he says with a wee smile. "I have the privilege of having a life of great diversity, which enables me to see the world differently. I consider that to be an extreme advantage."

Hatanaka brought that unique advantage with him, from the suburbs to the football field, to a series of brokerages, to the Harvard Business School ('94) and to the corner office he now occupies. Located on the 35th floor of the TD Canada Trust Tower in Toronto's financial district, the office provides a spectacular, unbroken view of Lake Ontario and Toronto Islands. It's a lofty prospect, not entirely dissimilar to Hatanaka's big-picture take on diversity.

"If you're going to remain relevant as an organization going forward, and continue to be best in class, you have to draw from the widest possible pool of talent," says Hatanaka, spelling out the business case for diversity. "Communities in Canada are becoming much more diverse, particularly in large urban centres. Organizations have to work hard to stay relevant to that diverse customer audience. It's not only the right thing to do from a humanistic perspective," he adds, "but it's also the logical thing to do from a business perspective."

It's a lesson that York, with "its inherent diversity", has perfected as it nears its 50th anniversary, says Hatanaka, a board member of the York University Foundation. "York University has learned to harness the power and the strength of diversity to allow the best and the brightest and the most creative thinkers to flourish. Going into the future, this is an extreme plus for the University."

For his own kids, Hatanaka has adapted his message. "Our family philosophy is very simple: the world would be a better place if everybody had someone they could count on. Be that someone, be committed, and expect commitment in return." It's a lesson by which Hatanaka has lived his whole life. ■

Screenwriter Annmarie Morais based her Sundance hit *How She Move* on a York film she did about Jane-Finch step-dancers.

BY MARTHA TANCOCK

PHOTOGRAPHY BY BRYAN MCBURNEY

A woman with short, dark, curly hair stands in the center of a city street. She is wearing a short-sleeved, ribbed sweater with horizontal stripes in yellow, brown, and white, paired with blue jeans and brown shoes. Her hands are on her hips, and she is looking slightly to her left. The background features a brick building with several windows. To the left, a white van with red and grey stripes is parked. To the right, the rear of a dark SUV is visible. Storefront signs in the background include 'RESTAURANT CANADIAN DISHES 0752', 'COELAND Discount Store', and 'TUES'. The overall scene is brightly lit, suggesting a sunny day.

Scenes from a Success Story

SYNOPSIS: YORK FILM GRAD and daughter of hardworking Jamaican immigrants chooses iffy career as screenwriter, wins award, moves to Hollywood and proves she has what it takes. Opening scene: A hotel room in Park City, Utah. It's long past midnight on a January night and bleary-eyed Annmarie Morais waits for the phone to ring. The York-trained screenwriter's first feature, *How She Move*, has just premiered at the 2007 Sundance Film Festival and triggered a bidding war. Morais never expected the made-in-Canada, urban-dance film about a smart – not dumbed down – black girl to even get on the legendary festival's roster let alone spark such intense industry interest. Before dawn, Paramount finally seals a deal for world distribution rights for \$3.4 million.

Morais doesn't get a penny. She's already been paid for the script. But the 35-year-old Los Angeles-based writer gets "lots of heat, lots of buzz, lots of press" that's as good as winning a pot of gold – if you're ready for it. And she is. Because it's happened to her before.

Setup: The fourth child and only daughter of former Jamaican Four Square Gospel ministers, our heroine grows up in the bosom of the Pentecostal Church and the cul-de-sacs of a mostly-white Brantford, Ont., suburb. Like many girls, she imagines being a film star or a pediatrician, but by Grade 13 still can't decide on a direction. One day, the klutzy teenager knocks over some books in her guidance teacher's office and a York calendar falls open at Film Studies. Destiny calls.

Turning point: Two York film pros, *The Grey Fox* producer David Brady and artist/writer Marie Rickard, tell Morais she could make it as a screenwriter. She earns a bachelor of fine arts in 1995 and takes menial jobs so she has time to write. Three years later, she comes so close to winning the Academy-sponsored Nicholl Fellowship in Screenwriting for *Bleeding*, about a self-mutilating girl, that *Dog Day Afternoon* screenwriter Frank Pierson suggests revisions. She doesn't change a word, resubmits the script the next year and becomes the first Canadian to snag the coveted \$25,000 prize. She is 27. "It changed everything for me. It gave me validation in the industry like nothing else could. Even though I won it in 1999, it still holds a cachet now."

The projects roll in. Morais quits her day job to write teleplays for Vision TV's "Hotel Babylon" and "Kink in Her Hair". Soon she's living in funky West Hollywood and feeling her way around the studio system. One foot in LA, the other in Toronto, Morais lands Telefilm Canada financing in 2004 to produce *Step*, a feature inspired by a 12-minute documentary she produced as a York student about kids in the Jane-Finch neighbourhood who were into step-dancing, a gymnastic group-stomp done to percussive hip hop or a cappella. *Step*, later titled *How She Move*, follows a poor black girl who strives to get ahead by competing in a boys' step-dancing troupe for prize money. Shot mostly in Hamilton by director Ian Iqbal Rashid (*Touch of Pink*), the 98-minute film tackles issues of classism, sexism and drug use while showcasing some stunning dance talent. Paramount banks on its universal teenage appeal and slates a January 2008 release in the US, UK and Australia.

How does a 35-year-old raised in small-town Ontario know what makes tough inner-city black girls tick? She does volunteer work. A person of deep faith who was taught to leave this world a better place, Morais helped set up an after-school program at her LA church. "I don't think I could have written *How She Move* if I hadn't done that. I don't think most people know what's going on with 14-year-old girls."

Screenwriting gives the dedicated volunteer the flexibility she needs to run a summer camp or fly to Uganda for a few weeks to build a home for rescued child soldiers. It also gives her a vehicle to challenge black stereotypes. "In every script I do, I look for ways to defy conventional thinking." Like *How She Move*. "Just having a film featuring a young, smart, ambitious, black girl is rare and it shouldn't be," she says. Like episodes of Global TV's new series "Da Kink in My Hair", the first Canadian TV series to feature a cast of all black women. In every script, she also spreads the love. "We have an obligation to show love, because that is the character of God in life. I always find a way to speak to that in a story. There's always light."

Happy ending: Post-Sundance, Morais rejects a multitude of petitions to script more urban-dance films except one – creating a pilot for ABC Family called "The Flip Side" about a group of high-school cheerleaders who are underdogs in the sport and in life – because she's drawn to *Bend It Like Beckham* themes where girls strive for something out of reach. Otherwise she opts for different projects – a thriller directed by Clement Virgo (*Rude*), a book adaptation of *How She Move* and a film adaptation of Jane Finlay-Young's novel *From Bruised Fell*. Her plate's loaded, the way she likes it. "I'm so blessed to be where I want to be." ■



Maria Farinha

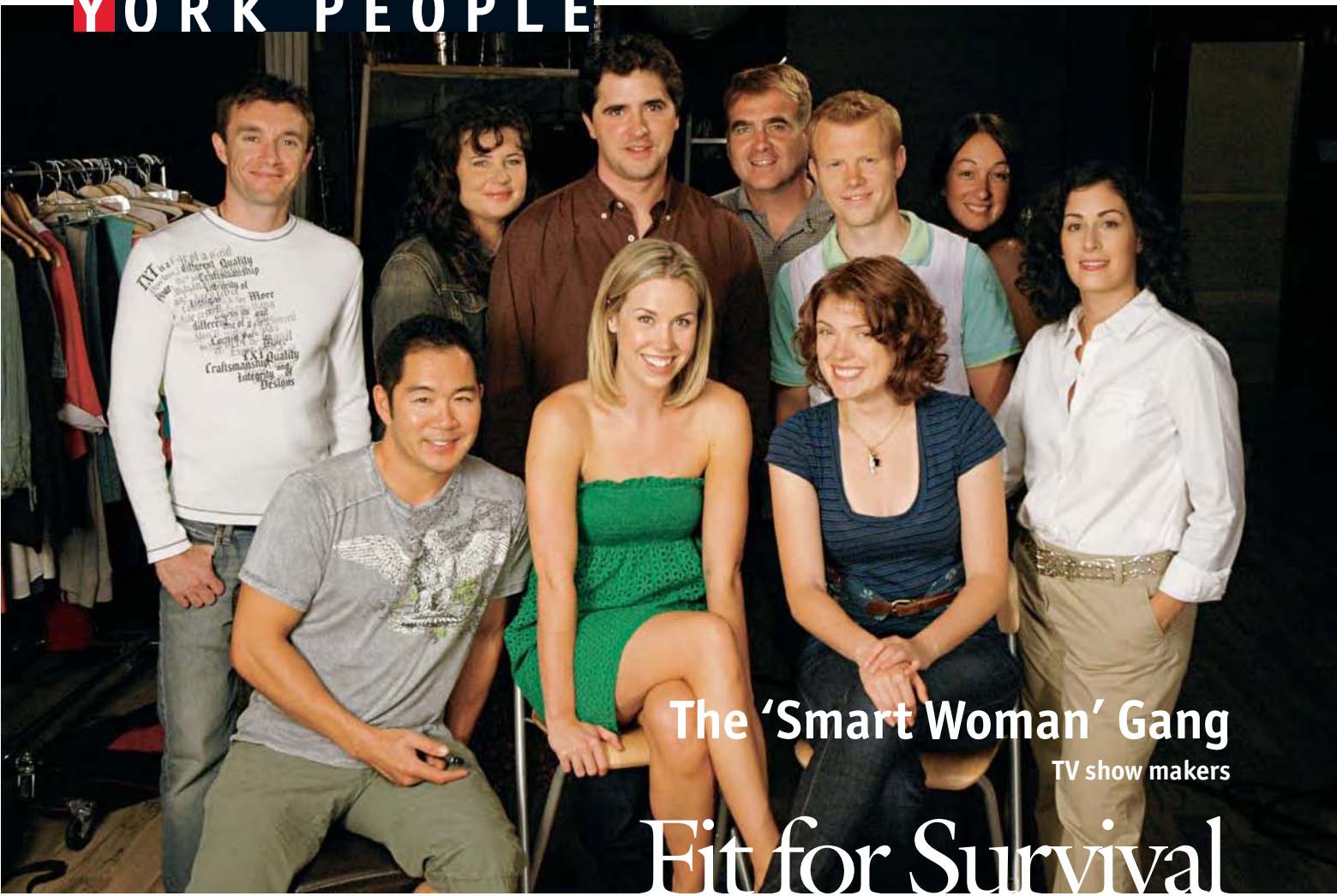
Music student, Brazilian jazz star

Hot Cool

IF MARIA FARINHA can't get you dancing, no one can. Farinha, a native of São Paulo, Brazil, is the captivating voice behind her most recent CD *Kiss of Love* (2007), a follow-up to her earlier release, *Endless Samba* (2002). She is also recognized worldwide as one of the definitive Brazilian jazz vocalists of her generation. These days Farinha has given up the warm climes of Brazil for the decidedly cooler temps of Richmond Hill, Ont., while she completes her master's in jazz composition at York (and teaches jazz vocal to undergraduate students). "The atmosphere in Toronto for a musician is great," says Farinha, who also lived in the US for a while. "I chose York to finish my masters because I wanted the resources of a major university, and a lot of cultural diversity."

Farinha started piano at age six. "When I was 16 I fell in love with jazz and listened a lot to people like Herbie Hancock and John Coltrane. The Brazilian composers also had a major impact on my music and were key sources of inspiration." While she says classical music plays a role in her songwriting, she decided to dedicate her singing career to Brazilian jazz. "When you hear the samba groove you can never sit still! I think, among all of Brazil's cultural presentations, our music is that which transmits happiness and sensuality." ■

PHOTOGRAPHY BY LINDSAY LOZON



The 'Smart Woman' Gang

TV show makers

Fit for Survival

CALL IT FATE, perhaps, but somehow 10 York grads and long-time students have found themselves working together on one of Canadian TV's hippest current shows, "The Smart Woman Survival Guide" (W Network). One is Siobhan Murphy (BFA '05) – that's her in the green dress, front row centre – who plays Liz, the multi-tasking, stressed-out, charming producer.

SWSG is sort of a Martha Stewart Living-type show built around the premise of a fictional television program called... "Smart Woman". The behind-the-scenes shenanigans as the "show" is "produced" deliver up the guffaws. But the show also uses interviews with real experts who provide genuine lifestyle tips.

Murphy counts herself lucky to have landed an acting job fresh out of York's theatre school, especially with fellow Yorkies. "To graduate and land a job so quickly was a bit overwhelming and the learning curve intense. I'd never done television series material professionally, but I feel really blessed to have gotten work with this cast on my first professional job."

Behind the scenes – and at the far right here – is Toni Miceli (BA Hons. '99), who is producer of SWSG. "Some days I just push paper but other days I'm in there on the set problem-solving," she says. "It's a job that has a little bit of everything." At first Miceli became interested in television because she wanted to be a news reporter. "But I discovered the 'business/money' side of TV and knew I had found my niche," she says.

So who are all these smart York folks guiding the show? They are, back row, left to right: Phil Hutchins, production manager (Diploma, York/Seneca Joint Program, Radio & TV Broadcasting, '98); Claire Ross Dunn, writer & co-producer (BFA Spec. Hons. '87); John Paul Saurine, actor (MFA '05); Russell Perkins, key grip (BA '88); Adam Seybold, actor (MFA '05); Kristen O'Reilly, wardrobe assistant (BFA Spec. Hons. '03). Front row, left to right: Rhett Morita, director of photography (BFA Spec. Hons. '84); Murphy; Laura McLean, actor (Faculty of Fine Arts, 1999-2003); and Miceli. ■

GIVING

Inside Your Head

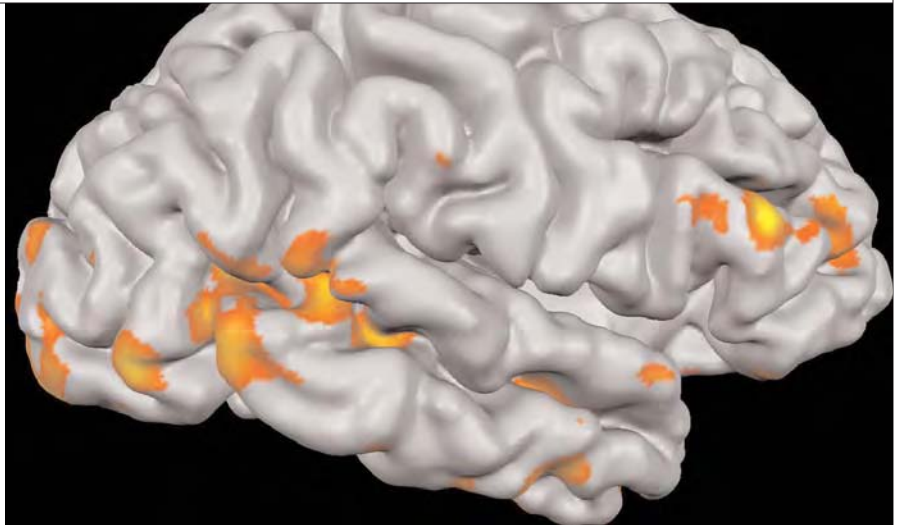
York is raising funds for a much-needed fMRI

AS PART OF ITS “York to the Power of 50” campaign, the York University Foundation is raising funds for a crucial piece of research equipment that will place York at the forefront of health sciences – and represent an important step toward building a medical school at York.

A functional magnetic resonance imager (fMRI) measures blood flow in the brain – key because it allows researchers to gauge how the brain functions as it undertakes various tasks. That makes an fMRI indispensable for the work of York’s world-renowned Centre for Vision Research (CVR), which researches how the brain uses vision in addition to directly researching vision itself. The fMRI will also immediately bolster York as a centre for health sciences as regional hospitals begin accessing the fMRI for their patients as well as participating in collaborative work with York researchers.

“An fMRI isn’t cheap. However, it represents a profound investment in York’s future as a centre for pioneering research,” says biology Professor Hugh Wilson, director of the highly interdisciplinary CVR.

To accompany the equipment, York would also like to fund a Chair in fMRI



MIND AT WORK: An fMRI scan of a brain showing activity in multiple locations

technologies. This expert in the field would maximize use of the equipment for neuroscience research, ensure its capacities are fully exploited by the York community and develop innovative applications for its use.

The proposed fMRI facility is a flagship initiative for the much-anticipated Sherman Health Science Research Centre, made possible by a \$5-million commitment by York University Foundation board member Honey Sherman and her husband Barry Sherman. The research centre, to be built on York’s Keele campus, will become the new home for the CVR.

Barry and Honey Sherman’s commitment to research at York is one outstanding example of generosity in the \$200-million “York to the Power of 50” fundraising campaign, celebrating York’s 50th anniversary next year. The acquisition of an fMRI and the funding of a Chair in fMRI technologies will build on

the Shermans’ commitment and allow students and researchers to continue to innovate and lead through the work of the CVR.

For more information about the efforts to raise funds for an fMRI or to learn more about this initiative, contact Jennifer Clark, associate director of development and chief development officer, research and innovation, for the York University Foundation, at 416-650-8206 or clarkj@yorkfoundation.yorku.ca. ■

CAMPAIGN UPDATE

Latest data on “York to the Power of 50”, York University’s 50th anniversary fundraising campaign:

TARGET: \$200 million

CURRENT LEVEL: Over \$144 million

TIME SINCE LAUNCH: 15 months

PRIORITIES FOR SUPPORT: Pioneering research and programs; student awards and scholarships; chairs and professorships; infrastructure.

ALUMNI

News:

Night of Inspiration

Five distinguished grads receive Bryden Alumni Awards

THERE WAS NO shortage of surprise moments when more than 200 alumni, faculty, staff and friends gathered on the Trading Floor at Toronto's Design Exchange on Nov. 8 to celebrate the leadership and achievements of five York graduates at the Bryden Alumni Awards dinner.

The gala featured an opening performance by jazz singer and York faculty member Rita Di Ghent (BFA '83), and some unexpected storytelling by CBC broadcaster and master of ceremonies Barbara Budd (BA '74).

"This year's event was exceptional. The music was wonderful, the winners' speeches were inspiring, and Barbara was a treat to watch. She jumped on stage during a technical glitch and told us her tale of misadventures with comedian Bill Cosby and then-Fine Arts Dean Joseph

Green when she was a student," said Naguib Gouda (MBA '84), president of the York University Alumni Association and executive director of Alumni & Advancement Services at York.

Paul Alofs' (MBA '83) groundbreaking success in both business and non-profit organizations earned him the Redefine the Possible award. After a career heading such companies as BMG Music Canada, he is now president and CEO of the Princess Margaret Hospital Foundation. In another off-the-wall moment, he had everyone in the room snapping their fingers to his



LOCAL HEROINE: Awardee Courtis (centre) with Gouda (left) and Alumni Association Chair Guy Burry

rendition of a "New Orleans rap" for York's Schulich School of Business. All joined in as Alofs chanted, "I sure like that Schulich School / Dezsö Horváth, he's keeping it cool / *Financial Times* says we rule." In true New Orleans style, he pronounced "sure like" as "shoo-lack", after noting that nothing rhymes with Schulich.

Karen Kraft Sloan (MES '90) is a passionate environmentalist whose work shaping

national policy earned her the Pinnacle Achievement award. The former Liberal MP and ambassador for the environment called for greater action to curb global warming, praised the social and intellectual diversity of the Faculty of Environmental Studies, and called for the involvement of northern communities in securing Canada's sovereignty over Arctic lands.

Maxwell Gotlieb (BA '72, LLB '75, LLM '97) is a highly respected senior lawyer who won the Outstanding Contribution award for his financial and volunteer contributions to York. He spoke fondly of York and thanked his spouse Heather for her partnership in his contributions – especially in co-chairing with him the 2006 Brazilian Ball, which raised \$2 million for York –

BE PART OF BRYDEN

Interested in nominating a York alumna or alumnus? Read more about the award categories, past winners, and the nomination process at yorku.ca/brydenawards or call the Alumni Office for more information at 416-650-8159 (toll-free in North America 1-866-876-2228). Nominations will open in the spring of 2008.



GREAT MOMENTS
CLOCKWISE FROM UPPER LEFT: Alofs with son James and daughter Sarah; Corriero at the podium; Budd wings it during a technical glitch with a video; Max Gottlieb shares the limelight with wife Heather; Di Ghent sets an elegant tone for the evening; Kraft Sloan with her award.



and asked her to join him on stage to share the credit.

Charmaine Courtis (BA '72) won the Local Hero award for the remarkable skill and dedication that she has demonstrated working at the Schulich School of Business, where she is now executive director, student services & international relations. She spoke of York's tremendous accomplishments in educating the leaders of Canada's future – especially first-generation university graduates, new Canadians and female students. She also thanked her friends and family and highlighted two colleagues: Dean Dezsö J. Horváth and Professor Emeritus Thomas Beechy.

Jennifer Corriero (BA '03, MES '06) is an innovative leader whose work as the co-founder and executive director of TakingITGlobal (see *YorkU's* October 2007 cover story) earned her the One-to-Watch award. She praised the interdisciplinary program that she pursued at the Atkinson Faculty of Liberal & Professional Studies, saying that she felt that she was able to "Redefine the Possible" in her undergraduate education by crossing boundaries she might not have been able to at other institutions.

The evening closed with speeches by York President & Vice-Chancellor Mamdouh Shoukri and Marshall Cohen, Chair of the Board of Governors. Shoukri congratulated the award winners on their accomplishments. "The winners of the Bryden awards are truly remarkable. Remarkable for the level of success that they have achieved, and remarkable for the diverse areas in which they have



OPENING DAY: York President Murray Ross (left), Ontario Lieutenant-Governor W. Ross Macdonald, McLaughlin and Tatham at the college's official debut in 1968

achieved it," he said. "From hospital and university administration to law and politics, from the music industry to environmentalism and international development for youth, I can't say enough about how proud I am of the winners and what they represent. This is what York is all about."

Picking up on speeches he made at the 2005 and 2006 Brydens, where he exhorted alumni to speak about their York pride, Cohen said this time he felt "a difference in the room." He also mentioned the upcoming 50th anniversary celebrations in 2009, and called for everyone to "stand up and shout, we are Yorkies!" in the birthday year.

The Alumni Office acknowledges the generous support of the 2007 Bryden Alumni Awards by lead sponsor Manulife Financial, reception sponsor MBNA and video sponsor the ClearSight Investment Program by Wellington West. For more information about each award recipient and to view their video profiles, visit yorku.ca/brydenawards. ■

McLaughlin Turns 40

Time to celebrate in '08

Alumni are invited to join in McLaughlin College's 40th anniversary celebrations in 2008.

Mark your calendar for the anniversary dinner on Friday, May 9, 2008. This event will be a wonderful way to reconnect to the college, meet old friends and past faculty, and make new connections.

McLaughlin was the fourth college established at York University and is named after Colonel Robert Samuel McLaughlin, a Canadian business pioneer who founded the McLaughlin Motor Car Company in 1907. He became a member of the board of General Motors in 1910 and when he sold his company to GM in 1918, it was incorporated as General Motors Canada with McLaughlin as founding pres-

ident. The McLaughlin Foundation provided part of the funding to build the college, and McLaughlin himself was on hand for the official opening in 1968.

George Tatham was the founding master of McLaughlin College, and his name is on the residence associated with the college, Tatham Hall. Tatham was an accomplished concert pianist, and as a result of his efforts, the McLaughlin Senior Common Room has an 1896 Bechstein grand piano. Tatham was also a strong advocate of physical fitness and McLaughlin ensured that the college had its own exercise gym. Tatham's vision was for McLaughlin College to foster the development of the "whole person" and his vision is central to the college's mission today.

Clearly, there will be plenty to reminisce about. For details and to book your seat at the anniversary dinner, visit the Web site at yorku.ca/mclaughlin or call Vicky at 416-736-5128. ■

BY PUSHING BEYOND TRADITIONAL BOUNDARIES, GALILEO REDEFINED THE WAY WE SEE THE WORLD.



RESEARCH AT YORK IS DOING THE SAME THING.

York University is a leading research innovator in Canada. By working across disciplines and in collaboration with partners outside the university, researchers at York are able to develop innovative ideas and work with policy makers and practitioners to create meaningful change and a more globally competitive Canada.

Examples of York's current collaborations include the Innovation Synergy Centre in Markham (ISCM), which helps Canadian companies realize their full growth potential and become globally competitive. Similarly, YORKbiotech, a regional innovation network and not-for-profit community development corporation, uses the power of convergence in order to help its partners deliver innovative, real-world solutions to real-world challenges. A third initiative, The Consortium on New Media, Culture and Entertainment R&D in Toronto (CONCERT) will, in time, drive the creative potential of the region by facilitating innovative collaborations between the arts, technology and business.

Taken together, these three initiatives are indicative of the unique and relevant way in which York Research is helping to shape Canada's competitiveness and global influence. To learn more about how York's approach to research is redefining university research in Canada and fueling Canada's growth, visit www.research.yorku.ca.



Class Notes:

1968

Banigan, Richard (BA Founders) received his MEd from the Ontario Institute for Studies in Education in 1986. He later started Studio High Techniques, a publishing and graphic arts business, and is a founder of the Toronto Aerospace Museum at Parc Downsview Park.

1972

Merkel, Wayne (BA Atkinson) retired after 35 years as senior systems analyst at Sears Canada Inc. His hobby as a bridge player led him to work as bridge director and lecturer on many cruise ships, taking him everywhere from Bangkok to Auckland and Dubai to Hong Kong.

1974

Fenn, Michael (BA '70 Glendon, BA Hons. Atkinson) was appointed CEO of the new Greater Toronto Transportation Authority in February 2007. He recently celebrated his granddaughter's first birthday.

Fraser, Marion (BA Glendon) has worked in Toronto since 2003 as the senior policy adviser to Ontario's minister of energy, focusing on conservation and renewable energy.

Macnaughton, John S. (BA Stong) works as an artist/painter and is head of the art department at Northern Secondary School in Toronto. He lives in Markham with his wife Gail.

Waltman Daschko, Marla (BA Stong) retired from the federal public service in December 2006. She recently moved from Ottawa to Toronto where she works as a consultant in the culture sector.

1975

Husband, Jon (BA Glendon) is pleased that the French he acquired at Glendon has helped him become fluently bilingual – adding immeasurable richness and dimension to his life. He lives in Vancouver, speaking at conferences around the world and consulting others on the impact of the Internet on work and life.

Lever, Bernice (BA Hons. '72 Atkinson, MA) retired in 2000 from teaching English at Seneca College

in Toronto. She lives on Bowen Island, near Vancouver, and is active in national authors' groups. She is currently developing an audio version of a grammar textbook she wrote.

1976

Hafez, Allie (BA Stong) has lived in the Minneapolis area since 1982 where she is an occupational therapist/disability case manager. In 1999 she opened a second business: Oh, That's Interesting! Wearable Art (OTIWA), a one-of-a-kind jewellery company.

1979

Watts, Chris (BSc Vanier) would like to connect with the 1978-1979 Vanier crowd. He lives in Oakville, has a 19-year-old daughter, and manages programs for immigrants to Canada.

1980

Bright, Amanda (BA Hons. '78 Glendon, MA) lives in Toronto and has worked at IBM Canada as a production manager for over 20 years.

1981

Smith, Kimberly John (BFA Spec. Hons. Bethune) works extensively in theatre, film and television. He is currently partnered with Literacy Nova Scotia (among others) to inspire and coach the first-ever community video ensembles.

1983

Alofs, Paul (MBA) received an honorary doctor of humanities degree from the University of Windsor in June 2007. The president & CEO of Princess Margaret Hospital Foundation in Toronto, he was recently elected to the board of the International Cancer Foundation, Geneva, and presented with the "Redefine the Possible" award at the 2007 Bryden Alumni Awards at York in November (see page 36).

Hunter, Bruce (BFA Hons. Calumet) has been an English professor at Seneca College since 1986. He is the author of four books and is the Rich-



1999
Manfred von Vulte at work

mond Hill Public Library's writer-in-residence.

Siblin-Librach, Judy (BA Spec. Hons. Vanier) has fond memories of playing the role of Heloise in *Abelard and Heloise* at Vanier College Productions. She has written and published two books and won a CBC Telefest award for her documentary *It has a Name.... Neurofibromatosis*. She lives in Toronto and continues to sing and perform in musicals.

1984

Khan, Fareed (BA Hons. McLaughlin) worked in public affairs and government relations for 20 years. He is currently pursuing graduate studies at Carleton University in Ottawa and has a personal interest in the fine arts and photography.

1985

Hall, Cathy (BA Spec. Hons., BEd Vanier) works at the Canadian Medical Protective Association in Ottawa. She recently married and honeymooned in Greece.

Olliverre, Hayley (BA Spec. Hons. McLaughlin) works as a freelance technical writer in San Antonio, Texas. She has two daughters: Carissa, 16 and Cicely, 15.

1986

Leighn, Tambre (BA Hons. Founders) recently returned to Los Angeles after spending three years producing documentaries in Toronto. She is currently producing the feature documentary *Still Life* for The Documentary Channel.

1987

McVey, Michael (BA, BEd '80 McLaughlin, BA Hons. '85, BEd) lives in Michigan where he is a professor in the Educational Media & Technology Program at Eastern Michigan University.

Wells, Lynn (BA Hons. '86 Bethune, MA) is a professor of English and associate dean (research and graduate) in the Faculty of Arts at the University of Regina. She is married and has four children.

1988

DeKeseredy, Walter (BA Hons. '82 Founders, MA '84, PhD), a professor in the Faculty of Criminology, Justice & Policy Studies at the University of Ontario Institute of Technology, is the co-recipient of UOIT's first Research Excellence Award, received in 2007. He lives in Whitby, Ont.

Pace, Michael (LLB) was ordained as a Catholic priest in 1999 and served eight years as assistant pastor at Missione Maria Ausiliatrice in Montreal. He recently returned to Toronto, and is pastor of St. Benedict Church.

Shupak, Mena (BAS Hons. Atkinson) works in health marketing research on new products, current practices and prescribing habits, in Toronto. She enjoys the outdoors, reading and playing with her grandchildren.

Smith, Dion (BSc Spec. Hons. Stong) works with Arla Foods Inc. as an IT support analyst. In his previous career, he was a correctional

Class Notes:

officer, for 10 years, with the Ontario Provincial Government. He is married and has two daughters, ages 15 and 11.

1989

Pigat, Heather (BA Spec. Hons. Winters) is the collections manager at the University of Toronto Art Centre, responsible for the U of T Art Collection, the University College Art Collection and the Malcove Collection. She looks forward to her 10th wedding anniversary in 2008.

1990

Hathaway-Warner, Valerie (BFA Spec. Hons. Vanier) has returned to York University to undertake the two-year part-time consecutive education program. She plans to complete her master's degree in music immediately following.

Sweatman, Marion J. (LLB) recently opened Sweatman Law Firm in Oakville, Ont. She is the author of *Guide to Powers of Attorney* (2002) and *Bequest Management for Charitable Organizations* (2003), which was endorsed by Imagine Canada.

1992

Brady, Kevin (MES), founding partner & director of Five Winds International, deals with sustainability and climate change services for a range of private and public sector clients in the US, Canada and Europe.

Comper, Paul (BA '77 Glendon, MA '80, PhD) is senior psychologist and clinical neuropsychologist at Toronto Rehabilitation Institute. He is associate faculty at the University of Toronto's Graduate Department of Rehab Sciences, co-principal investigator of the joint TRI/U of T Varsity Athlete Concussion Research Project, and consulting neuropsychologist to the National Hockey League Players Association.

Dey, Debashis (LLB) is partner & head of Middle Eastern Capital Markets at the international law firm Clifford Chance LLP. He and his family relocated from London, UK, to Dubai, United Arab Emirates, in 2006.

1994

Duggar, Manik (MES) recently moved to Yellowknife as a senior associate with DPRA Canada, after seven years with the South Asian Network for Development & Environmental Economics (SANDEE).

Goy, Bob (BA Hons. '91 Vanier, MA) and **Miriam Sciala** (MA '90) returned to Canada in the summer of 2007 after 12 years of teaching overseas. They currently live in rural eastern Ontario where Bob pursues business interests and Miriam is a full-time novelist/writer.

Henoud, Carla (BA Vanier), a self-employed vocational consultant in Ontario, developed Olixia.com, a Web-based interactive job search program to assist workers through the job search and interview process. She is married and has two children.

Rodgers, Deanna (née Ramdeen) (BA McLaughlin) qualified as a solicitor in England and Wales in 2005. She is currently a human rights specialist with the government of Virginia, where she lives with her husband and son.

Sniderman, Barbra (BFA Spec. Hons. Calumet) developed and supervised a new education program for Hot Docs International Documentary Festival and is a high-school English, media and art teacher. She married documentary filmmaker Jamie Kastner and they have a son, born June 26, 2007.

1995

Ellison-Johnson, Ian (BAS Atkinson) was married in 2004 and lives in Toronto with his wife and their two daughters.

Johnston, Kelly (BA Founders) recently started his own private practice in psychotherapy from his home in Mississauga. He and his partner Ana of 17 years now have a son.

Moyo, Mfaro (MES) was recently promoted to assistant resident representative at the United Nations Development Program in Zimbabwe. His portfolio includes democratic governance, environment & land support and gender mainstreaming. He plans to pursue his PhD at York in 2008.

Panarisi, Angela (BA Founders) works as a consultant with CGI in Toronto. She is married and has two children.

Robinson, Karen (BFA Spec. Hons. Winters) was ordained in the spring of 2007. She works with homeless and street-involved youth for Youth Unlimited (Toronto Youth for Christ) as a street pastor on the Light Patrol team.

1996

Eisenberg, Jacob (MA) has been a lecturer in the University College Dublin's School of Business since 2003. He is also the director of the Master's in International Management Program at the Community of European Management Schools (CEMS).

Husein, Khairunissa (BA '94, BA Hons. Calumet) teaches at a Montessori school in Markham where she lives with her son and daughter.

Tuckey, Susan (née Allan) (MBA) works as chief finance & strategy officer with York Region Rapid Transit Corporation in Richmond Hill, Ont.

1997

Chua, Nan Sze (BA Hons. Calumet) earned her MBA in 2005 from the National University of Singapore (NUS) and Peking University, and she is now head of marketing & admissions for MBA programs at NUS. She was recently baptized a new Catholic with the baptism name of Marie-Antonie.

Pica, Fernando (BBA Spec. Hons. Calumet) recently moved to Belfast, Northern Ireland, with his wife Joanne Sickle (BBA Spec. Hons. Calumet) and their one-year-old daughter Carolina.

Resnick, Heather (BA Hons. Winters) wrote *Women Reworked: Empowering Women in Employment Transition* (2006), a book with stories about women across Canada and the United States who jumped hurdles to achieve their dreams.

1998

Abdelhady, Nadia (BA McLaughlin) worked as a consultant for various US-AID projects in Egypt for several years. She is currently a senior educational adviser at AMIDEAST (America-Mideast Educational & Training Services, Inc.) in Cairo, Egypt.

1999

Charles, Christine (BA Hons. Winters) works as a promo producer for TVO. In her spare time, she paints and draws. She is engaged to be married in 2008.

Heuman, Joshua (Jay) (BA Spec. Hons. '96 Winters, MA) was recently promoted to curator of exhibitions at the Salt Lake Art Center in Salt Lake City, Utah.

Kucherawy, Jason (BA Vanier) safely completed a 6-month tour in Kandahar, Afghanistan, with the



2000

Danielle Gauci with genomics prize

Class Notes:

Canadian Forces Personnel Support Agency in 2006. Back in Toronto, he now works in the educational travel industry at First Choice Holidays.

Schwartz, Gregory (BA Hons. '97 McLaughlin, MA) was appointed assistant professor in the School of Management, University of Bath, United Kingdom. He researches & teaches in the areas of human resource management, organization theory, international management and strategic management.

Von Vulte, Manfred (BA Hons. '96 Founders, MA) recently became director of development/VP of Northmount School, an all-boys private Catholic elementary school. He is member of the Catholic service group, the Knights of Columbus, as well as author of *Where Have All of Toronto's Germans Gone?* and the children's book *The Tale of the Giant Pigeon*.

2000

Davies, Tim (MBA) works in securitization at the Royal Bank of Scotland, based in London, UK. He currently lives in Surrey, England, with his family.

Gauci, Danielle (BEd) has been teaching senior biology and biotech at Northern Secondary School in Toronto since her York graduation. In 2007, she was awarded both the Ontario Genomics Institute (OGI) Genomics Teaching Prize and the BIOTECanada – Biogen Idec Teaching Excellence Award.

Kennedy, Tosca (née Corradetti) (BEd), who uses the name Tosca Reno in her work, wrote *The EAT*

Clean Diet (2007), a bestseller in the US. She has three more books on the way and writes a column called "Raise the Bar", for the women's fitness magazine, *Oxygen*.

Suen, Nicole (LLB) lives in Toronto where she works as counsel for Stewart Title Guaranty.

2001

Bishop, Bonnie (BA Spec. Hons. Founders) celebrated her third wedding anniversary in August. She is the communications coordinator for the Electrical & Computer Engineering Department at the University of Waterloo.

Grabke, Sheldon (MBA) is assistant director of admissions at York's Schulich School of Business, and is responsible for admissions for the IMBA, PhD and Special Programs. He is currently pursuing a PhD at York on a part-time basis.

Marchiotti, Nancy (BA Spec. Hons. Stong) is studying for a certified human resources professional (CHRP) designation. She works as a human resources consultant at Trader Corporation in Toronto.

2003

Banai, Hussein (BA Hons. McLaughlin) is a doctoral candidate in the Department of Political Science at Brown University in Providence, RI. He specializes in international relations with an interest in diplomatic history.

Brown, Jody Anne (BA Vanier) was married in October 2007. She works for Malton Neighbourhood Services, a non-profit organization that pro-



vides settlement and community services for immigrants. She and her husband live in Mississauga, Ont.

2004

Ahmed, Nadeem (MES) is senior economist with the Social Policy & Development Centre (SPDC) in Karachi, Pakistan. SPDC is a Canadian International Development Agency (CIDA)-funded project on social policy and planning.

Domenico, Lisa (BScN Spec. Hons. Atkinson) returned to school after working for two years as director of

cosmetic dermatology at a facility in Savannah, Georgia. Upon completion of her PhD in nursing at the University of Michigan, she hopes to pursue a career in research with a focus on compulsion studies. She and her husband celebrated their second anniversary in September 2007.

Najarian, Anie (née Der-Boghossian) (BA Hons. Founders) recently completed her MA degree in creative arts therapy at Concordia University in Montreal. She hopes to work as an art therapist with children and adolescents.

Wong, Anice (BFA Spec. Hons. Winners) travelled throughout Asia while living in Japan in 2006. She is preparing to spend five months in Ghana, West Africa, to work as a videographer for the NGO Canadian Crossroads International, helping to raise awareness about women's rights and HIV/AIDS.

2005

Battiston, Joseph (BA Vanier) is a pastor in Calgary after receiving his bachelor of theology from Vanguard College in Edmonton. He married in April 2007.

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Class Notes:



1997

Heather Resnick

Dave, Roshni (BES '04, BA Calumet) works for the United Nations in Kenya. He will soon begin studies at the UN University for Peace in Costa Rica, pursuing a master's in environmental security & peace.

Ellis, Jillian (BA Hons. Founders) completed a post-graduate program in arts administration & cultural management at Humber College. She works at Ballet Creole, a professional community-based dance company, as resource development manager.

2006

Carrieri, Franco (BA Hons. Founders) is in second-year of an LLB program at the London School of Economics & Political Science in the UK.

Faria, Krystina (BES Hons. Bethune) is currently pursuing a master's degree in environmental studies and a graduate diploma in environmental & sustainability education at York University. She plans to pursue her PhD in education at the University of Toronto.

Ferreira, Jadene (BA Founders) is a figure-skating choreographer and stylist at the Royal Glenora Club in Edmonton. She is also an avid real estate investor, and will celebrate her third wedding anniversary in May 2008.

Pinto, Janice (BA Spec. Hons. '04, BSW Spec. Hons. '05 Stong, MSW) works with youth in the Regent Park Community in Toronto, providing academic and social support through the Student Parent Support Worker with Pathways to Education Program.

2007

Deonarine, Robert (BEd) recently obtained the position of computer/visual arts teacher in the Peel District School Board at Darcel Avenue Senior Public School, Mississauga, Ont.

Green, Michael (BFA Spec. Hons. Winters) is pursuing a masters in information studies at the University of Toronto.

Pozo, Carolina (BA Vanier) is enrolled in the Master of Public Management Program at SDA Bocconi School of Management in Milan, Italy, and plans to graduate in December 2008.

Rizvi, Rabab (BAS Spec. Hons. Atkinson) was to be married on Jan. 1, 2008, in Karachi, Pakistan.

Stefanidis, Kyriake (BA Spec. Hons. Stong) is pursuing a BEd at the Ontario Institute for Studies in Education.

IN MEMORIAM

Buttrick, John, a York economics professor from 1970 to 1989, died July 16 in a car accident on Gabriola Island, BC, at age 88. A long-time fighter for peace, he was a conscientious objector in the Second World War. He actively helped a large number of refugees from the Vietnam draft and, more recently, deserters from the US military service in Iraq.

Cowles, Michael, York professor emeritus of psychology, died on Aug. 21 at 71. His research interests included the history and development of statistics, and the science of personality and individual differences. He taught in the former Atkinson Department of Psychology, now part of York's Faculty of Health.

Fenton, Bob, a long-time contract faculty member in the jazz program in York's Department of Music, Faculty of Fine Arts, died on Oct. 26 at 83. A well-known and highly respected jazz pianist in Toronto, his career spanned more than 40 years.

Mains, Heather Lee (BFA '81 Bethune, MA '03), the founder of the social marketing company Duegood and for several years an active member of the York-based Association for Research on Mothering, was killed in a kayaking accident on the Tay River in Perth, Ont., on Sept. 1, at age 50. She was also a doula (childbirth labour support worker), a public speaker and educator, and a champion of women's health and well-being.

Michelangeli, Diane, an atmospheric science professor at York closely involved with NASA's high-profile Phoenix mission to Mars, died of cancer on Aug. 30 at 45. Based in the Faculty of Science & Engineering, she had been co-investigator and Meteorological Station (MET) lead for the Phoenix mission, which is due to reach Mars in May 2008. The MET, Canada's contribution to the mission, will track daily weather patterns and seasonal climate changes on Mars. Prof. Michelangeli was featured in *YorkU's* February 2004 issue.

Neugebauer, Robynne (BA '82 Founders, PhD '96), a sociology professor at Carleton University in

Ottawa who taught at York from 1996 to 2001, died suddenly on Sept. 8 at 47. A gifted and passionate teacher, she focused on social justice issues as a scholar.

Sasaki, Lisa Miyumi (BA, BEd '83 Winters) died of cancer on March 14, 2007, at 46. She was a highly influential educator, helping at-risk youth in the Jane-Finch community. She later worked at York as course director for the Urban Diversity Initiative in Regent Park, where the Miyumi Sasaki Award in Teacher Education has been established in her memory.

Simeoni, Daniel, a professor in Glendon's School of Translation and director of the Master's Program in Translation, died Nov. 4 following a heart attack. He was 58. The French-born professor, who came to York in 1999, was passionate about translation and how language is influenced by a variety of elements, culturally and socially. He was also active in Glendon's Centre for Research on Language Contact.

Summerhayes, Donald Clair, professor emeritus of English, Faculty of Arts, who taught at York from 1966 to 1997, died of cancer on Nov. 8 at 75. The author of five collections of poetry, he was the 1995 winner of the Stephen Leacock Prize for Poetry. He also wrote *mystory*, a collection of anecdotes and reflections based on his experiences growing up in a small town in Ontario.

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Believe me, it's not easy. **BY JAMES HURST**

Turning Green

F **ADE IN: YORK UNIVERSITY.** 1989. An angry young film student stalks the halls, toting a 16mm camera, his canvas book-bag slung low over his shoulder, heavy with Marxist readings. He's talking Gillo Pontecourvo, he's talking Spike Lee, he's talking radical cinema, he's talking.... Well, he's talking an awful lot.

Cut to: Costco. 2006. A contented 36-year-old television writer pushes a Buick-sized shopping cart down aisles wide enough to double as landing strips. He's talking Bounty, he's talking Cottonelle, he's talking coupons, he's.... Wait a second.

How did that passionate revolutionary become a thirty-something bourgeois at Costco?

This is me? Let me pause for a David Byrne "This is not my beautiful life" moment and ask: how did I get here? How did that passionate 20-year-old who talked about revolution become a thirty-something bourgeois goofball with a 48-roll pack of Cottonelle in his cart?

The answer is simple: I left university, began a career, got married, had a kid, and now live a fairly typical 21st-century Canadian life. And my situation is no different from the experience of many Yorkies who once wanted to become part of the solution but are now approaching middle age and fearing they've become part of the problem. My Costco identity crisis forced me to think seriously about the choices I make as a citizen. Ultimately it led me to realize that the humanist, socialist causes I cared so passionately about as a York student could find new expression in a growing movement – environmentalism. I decided that I was going to slowly, but surely, paint myself Green.

First I had to get over my prejudices. I always thought living Green meant dabbing patchouli oil behind my ears and chaining myself to a BC redwood. And while I've long admired the bravery of those tree-chaining souls, I just can't stand patchouli. I'm not going to be one of those environmentalists, I thought. I needed to start small. So after some research and consideration I put into effect a global footprint reduction plan:

1. Go CFL Go. No, I don't mean the Canadian Football League. Switching to compact fluorescent lights reduces your

lighting energy consumption by up to 75 per cent.

2. Change clothes. Mahatma Gandhi said "be the change you want to see in the world." I say if you can't be the change, at least change your pants. All my jeans are organic cotton, as well as my shirts, sweaters, bedding, towels.

Non-organic cotton accounts for 25 per cent of the world's pesticide use, which brings me to:

3. Organic all the way. Nobody asked us if we wanted pesticides in our bodies, and yet according to a 2003 study by the US Centers for Disease Control & Prevention, almost all of us carry a "pesticide body burden". Children are particularly at risk, with levels that can

"dramatically exceed" safe thresholds. So with a new baby in our lives, it's all organics in our kitchen. My wife even cooks organic baby food from scratch. I swear that kid eats better than I do.

4. Buy local. Whenever possible, we do. If no local options are available we either ditch the purchase, or buy from the closest available source. This one ain't easy, people. As a challenge, try to find products *not* made in China.

5. Hybridize your drive. My wife and I upgraded our Honda Accord to a Toyota Prius. At first I thought I was behind the wheel of George Jetson's golf cart, but in time I came to love the smooth and whisper-quiet ride. My relatively efficient Accord cost us approximately \$2,000 a year to fuel. The ultra-efficient Prius? Less than nine hundred. And we're reducing our carbon footprint by almost four tonnes.

6. Frog power. Our home's hydro is supplied by Bullfrog Power, a green energy supplier. We pay a premium of approximately 10 cents a kilowatt/hour, but we sleep easier knowing our power comes from emission-free sources like wind and low-impact water power.

Hard as some of these changes have been to make, they are just the beginning. My wife and I know we have a long haul before we can legitimately say that we're living Green. And maybe you're reading this and thinking environmentalism is just a passing fad, like the hula hoop. Maybe you're right. Or maybe you just haven't had your "David Byrne" moment yet. ■



James Hurst (BFA '92) is a writer and creative consultant for CBC Television's new comedy "Sophie".

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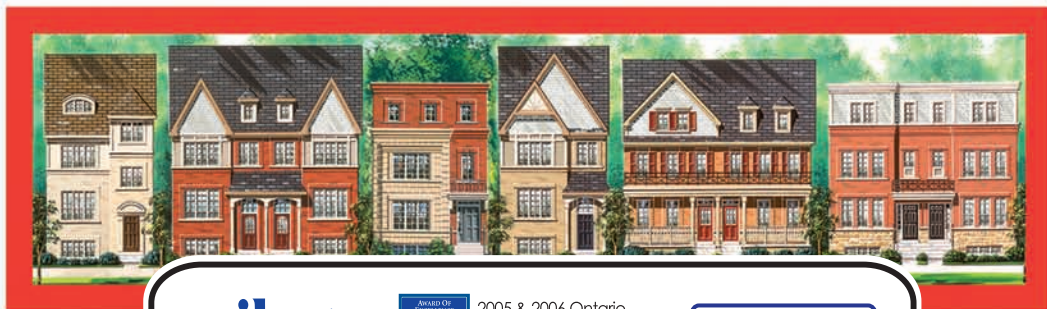
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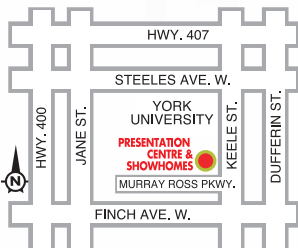


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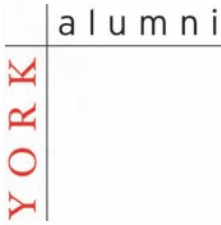
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