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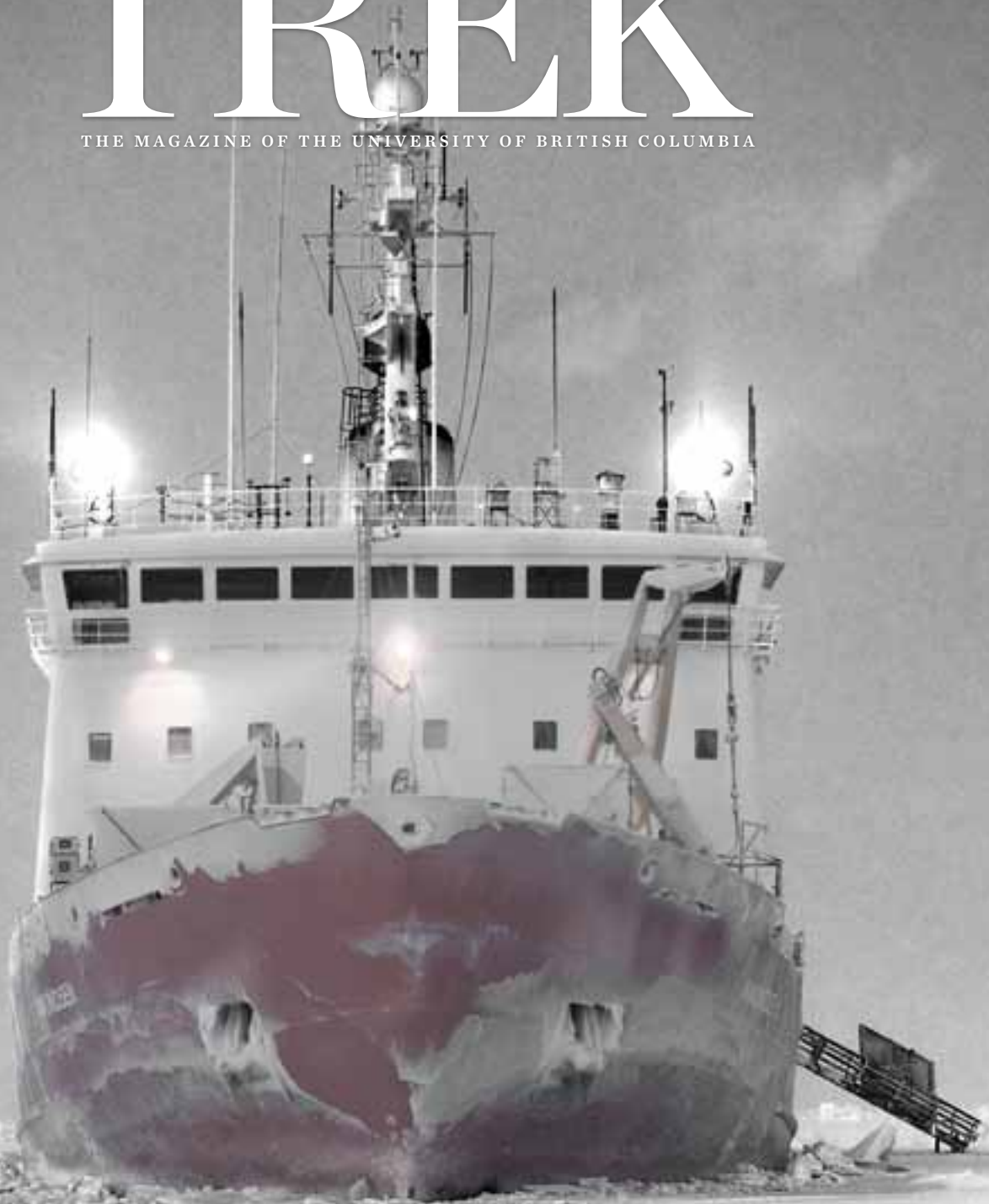
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FALL/WINTER 2011



TREK

THE MAGAZINE OF THE UNIVERSITY OF BRITISH COLUMBIA



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What the Trek?

Trek Magazine caption competition

Send us your caption for *Trek* designer Keith Leinweber's latest cartoon and you could win a rare and coveted UBC Alumni travel mug. Send your captions (one per person) to trek.magazine@ubc.ca, or to the address on the right, by December 31.



Brenda Silsbe, *BE77*, sent us the winning caption for our spring contest:
"You're last. I'll settle for a squall."
 "What a happy surprise! Can't wait to get my mug," said the discerning Brenda on hearing that she'd won.

TREK 30

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The Editor, UBC Alumni Affairs,
 6251 Cecil Green Park Road,
 Vancouver, BC, Canada V6T 1Z1
 email to trek.magazine@ubc.ca

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Contact Numbers at UBC
 Address Changes 604.822.8921
 via email alumni.association@ubc.ca
 Alumni Association 604.822.3313
 toll free 800.883.3088
 Trek Editor 604.822.8913
 UBC Info Line 604.822.4636
 Belkin Gallery 604.822.2759
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BREAKING THE ICE

Regular readers are probably wondering where Chris Petty is. He's been filling this editorial space with his musings about life and UBC for the past 22 years. Chris retired from our office in May, and at his leaving-do the staff gave him a nice little golf package. My guess is he's been living it up on swanky BC courses trying not to make too many divots.

I could talk about the large divot he has left here, but the seasoned editor in Chris can't stand poor analogies (and the golfer in him can't stand ones that are arguably insulting). He took over at *The Chronicle* in 1989, and in 2001 expanded it into *Trek*, setting an emulated new standard for alumni magazines and winning several awards from his peers. We miss Chris, especially for his humour and his editorials. But I know he will continue to be a generous mentor to the *Trek* team (or at least send grumpy emails to the current editor). I'm even more grateful to him for the handy segue he provides into this issue's contents, which include an article on retiring boomers on page 12.

Trek also delves into the alarming decline of honey bee populations on the UBC Farm and beyond; the life of early UBC janitor and scholar William "The Old Bill" Tansley; an ancient-yet-novel approach to justice; Camille Sullivan's love of the actor's life; and a UBC prof's experience of the Arctic aboard the icebreaker and research vessel CCGS *Amundsen* (the beautiful and otherworldly picture of this vessel featured on the cover was generously provided by Canadian photographer Doug Barber). It is only fitting that UBC President Stephen Toope announce UBC's biggest news – to learn more turn to page seven.

In September we launched *Trek Online*, which we plan to distribute four times a year. The first issue included a slideshow of photographs taken by George Van Wilby during his time as a UBC student (1917-22). The collection provides a fascinating and candid glimpse into the social life of students

almost a century ago, but many of the subjects remain unidentified. It was a long shot, but we hoped that matches might be made with old family photos on mantelpieces, or that alumni might recognize in those youthful faces an elderly relative from childhood. Archivist Erwin Wodarczak was delighted to hear from William H. Turpin, *BE'd 69*, who was able to identify his great aunt and uncle (see below). Doug Sturrock was able to tell him about some of the sporting events depicted. And an alumna tweeted that the slideshow was much like the Vancouver riot photo lineup, but with more pleasant content. We're putting that one in the Positive Feedback folder. You can watch the slideshow from the September issue at trekmagazine.alumni.ubc.ca/archive.

Ironically enough, our recent website poll showed a significant majority of respondents prefer magazines in print format, and we will continue to mail you issues in spring and fall. Hopefully, Chris Petty will put his clubs down long enough to read them and send me his valued feedback. He might even get his letter published in the next issue.

Vanessa Clarke, *Editor*



Alumnus Bill Turpin was able to identify the students in this photograph from UBC's Van Wilby collection: Helen Mary Turpin was the AMS Secretary during UBC's Great Trek. Her future husband John (Jack) Allen Grant was the AMS President. As a member of the delegation that petitioned the BC Legislature in UBC's successful bid to obtain the University Endowment Lands, his eloquent speech earned him the title of Jack The Giant Killer in one Vancouver newspaper.

TAKENOTE

Take Note is edited from material that appears in other campus communications, including *UBC Reports*. We thank Public Affairs for allowing us to use their material.



VISITORS TO SCIENCE WORLD ARE HELPING ANDREW BARON GATHER DATA ABOUT EARLY CHILDHOOD COGNITIVE DEVELOPMENT

PLAYING IN A HI-TECH SANDBOX

The second floor of Science World in Vancouver is now home to the Living Lab, full of technology that researchers will use to further our understanding of early childhood cognitive development. Professor Andrew Baron's team finds consenting families from among Science World's 500,000 visitors a year to take part in short studies in the lab. Not only does the arrangement allow researchers to collect plenty of data from a ready supply of volunteers, it's an opportunity to present science as fun activity for youngsters and provides some fascinating insights for parents, who are briefed about the research before giving their consent. "Parents are naturally fascinated with how their kids experience the world and their physical and psychological development, so they really enjoy watching them interact with researchers," says Baron, who joined UBC's Department of Psychology in 2010 from Harvard University, where he completed his PhD.

The children interact with iPads, touchscreens, and video displays and their responses are captured on camera for later interpretation in

order to learn more about their cognitive processes. A better understanding may help explain how certain human perceptions and behaviours develop. "One of the issues we explore is how children and adults develop unconscious prejudices that can lead to social conflicts," says Baron. "By understanding how preferences emerge, we can develop strategies to improve tolerance and cooperation, and ultimately create more productive and harmonious schools, workplaces and communities."

Baron pioneered this approach with a similar lab in the Boston Museum of Science and was so encouraged by its success he approached Science World even before his move to UBC. Baron also plans to introduce a program of interactive research to BC high schools and Aboriginal communities to help engage young people in science and encourage career aspirations in the field. He is also introducing touch-screen kiosks at Science World that parents and kids can use by themselves to learn more about the science of cognitive development and participate in some studies. Baron would like to cast the net wider by placing kiosks

around the country. "Going outside the university and into the broader community provides us with a larger, more representative pool of participants," he says. So far, the team has conducted research with about 7,000 children.

NASA EYES GOGGLES

Technology developed for ski goggles by three Sauder MBA grads and a master's candidate in engineering has caught the attention of NASA, which is testing the head-mounted display system for potential use in a new generation of spacesuit.

Recon Instruments was started in 2006 by alumni Dan Eisenhardt, Fraser Hall and Darcy Hughs, and post-grad engineering student Hamid Abdollahi. The hi-tech ski and snowboard goggles they have developed use GPS and motion sensors to provide real-time displays of data – such as speed, temperature, time and distance – that the wearer can use to inform decisions. The technology will also link to the user's smartphone, include wireless video cameras, and boast navigation and buddy-tracking abilities.



FAZLE SADI IS HELPING TO IMPROVE "SMART" GOGGLES THAT HAVE CAPTURED THE INTEREST OF NASA

UBC students have been involved in the development of the technology along the way. "The calibre of students from the university has been fantastic and they provide an integral part in the R&D of our technology," says Abdollahi. "We have so far had over 10 research projects and internships with UBC in various research areas. In some cases, students were hired after completion of their research projects."

UBC Okanagan electrical engineering master's student Fazle Sadi is currently helping to refine the display system further. He has been working with the Recon team on developing complex algorithms to crunch data from sensors including a GPS, accelerator, gyroscope and digital compass. The aim is to create even smarter goggles, providing skiers and snowboarders with on-the-spot information they can use to improve their jumping technique, for example.

NASA is testing the technology at its annual fall research and technology studies.

SAME OLD, SAME OLD TROPICS

What's so unique about the tropics? A UBC researcher says: "Less than we thought." The assertion, published in the journal *Science*, is focused on the concept of beta-diversity – a measure of the change in species composition between two sites, such as neighbouring patches of forest. High beta-diversity means that two given sites have few species in common.

Typically, beta-diversity increases as you move from the poles towards the equator, often leading ecologists to conclude that there is something inherently different about the ecology of the tropics that leads to greater turnover of tropical species from place to place.

But a group led by Nathan J.B. Kraft, a postdoctoral fellow at UBC's Biodiversity Research Centre, challenged this interpretation, using an extensive dataset of tree inventories from around the world and archived at the University of Arizona.

Kraft and colleagues found that the crucial factor in shaping beta-diversity at large scales is how many species are present in the region in the first place. Once they accounted for these differences, the resulting beta-diversity patterns were the same in forests at tropical and temperate latitudes. They found the same consistency between high and low elevations in mountain regions.

"It was believed that something 'extra' must be going on in the ecology of the tropics to produce greater beta-diversity there," says Kraft. "We now see that the patterns can all be explained not by current ecological processes, unfolding over one or two generations, but by much longer-term historical and geologic events. For decades now, ecologists have gone to the tropics to try to explain the often incredibly high diversity found there. But what our results show is that the same ecological mechanisms might operate in similar ways in Costa Rica and Calgary."

UNCOVERING THE PAINFUL TRUTH

The UBC Graduate School of Journalism has launched an ambitious multimedia site, The Pain Project (www.internationalreporting.org/pain), which documents one of the greatest challenges to treating chronic illnesses: severely constrained access to morphine. The site results from a year-long investigation by UBC's International Reporting Program (IRP). Teams travelled to India, Ukraine and Uganda to determine how these countries manage the pain of patients suffering from cancer and other terminal diseases.

Unlike many global health problems, pain treatment is not about money or a lack of drugs, since morphine – the gold standard for treating pain – costs pennies per dose and is easy to make. The IRP found that bureaucratic hurdles, and the chilling effect of the global war on drugs, are the main impediments to access to morphine.

The website features a color-coded map showing the scope of the problem, which extends beyond the developing world. Videos from each of the three countries showcase the stories of patients struggling with pain and the caregivers who have gone up against intractable systems in order to help them. They include a former KGB agent in Ukraine who is dying of prostate cancer and sleeps with a gun under his pillow, in case the pain becomes unbearable; a Ukrainian man who risks jail time by trafficking narcotics to get patients access to morphine; an Indian doctor, frustrated with drug laws, who combines readily available analgesics to ease the pain of local cancer patients; and a doctor who led a successful movement to reform Uganda's rules around morphine distribution and palliative care.

This website is part of an ongoing project about global access to morphine and includes a documentary for Al Jazeera, *Freedom from Pain*, which aired on July 20, 2011.



PHOTO: DARREN HANDSCHUH

- PRESIDENT'S MESSAGE -

start an evolution

Stephen J. Toope,
President and Vice-Chancellor, UBC



"Every great dream begins with a dreamer." (Harriet Tubman)

What makes a university great? In forum after forum, we hear the same answer: the university's endowment. World Bank economist Jamil Salmi has said it; New York Times columnist and Pulitzer Prize winning author Thomas Friedman has said it; virtually all of my counterparts at universities across North America have said it. After all, in public universities government funding covers basic operating costs, but the university's endowment picks up where that budget leaves off: funding scholarships and fellowships, research chairs, and groundbreaking community-based programs such as UBC's Learning Exchange.

So I could end my column right here, I suppose... except that I want to answer the question differently. What makes a university great? Having benefitted from study and work experience at Harvard, Cambridge, McGill, and UBC, I am convinced that it is not the endowment itself but rather what stands on

either side of it: donors on the one side, and beneficiaries on the other. It is the donors, individual and corporate, generous of spirit, visionary, willing to give of themselves and their resources, who make our university great. It is the beneficiaries – students, staff, faculty, and members of the wider community – eager to learn, courageous in taking risks, and committed to making a contribution themselves, who bring the gifts full circle, and who make this university great. UBC's endowment consists not only of the financial capital but also of the social, intellectual, and experiential capital that both donors and beneficiaries bring to UBC and to the communities we serve.

Although the news has probably reached you by now, I'm excited to announce for the first time in *Trek* magazine that UBC has just launched the most ambitious fundraising and alumni engagement campaign in Canadian history. Our goals are twofold: to raise \$1.5 billion and to double active alumni engagement with the university to 50,000 members annually. We are calling the campaign *start an evolution*, and our intention is simple and clear: to increase UBC's capacity to change the world for the better.

A counterpart of mine in the United Kingdom was asked recently what makes a university great, and his answer was very simple: "It is the difference we make that makes us great."

I invite you to start an evolution with us, to become part of that circle of giving and receiving, to change your own capacity to make a difference in the world by joining forces with UBC. We will both be the greater for it.

READY MIX GREEN CONCRETE

Shahria Alam sees a much more valuable use for industrial waste than taking up space in a landfill. The assistant professor of engineering and his team at UBC Okanagan are finding ways to use various types of waste for producing new-generation concrete.

"In the BC region, there are more than 40 composite manufacturing companies," says Alam, noting that in the BC Interior alone up to 1,000 metric tonnes of composite scrap are produced every year that could potentially be reused in construction projects.

Tighter regulations mean much of the current waste cannot simply be dumped in the local landfill, but must be hauled to specialty facilities. This makes waste material expensive to get rid of and increases its environmental footprint because of the additional emissions created by the trucks required to haul it.

During construction and demolition projects, large volumes of waste are generated with concrete being the largest component at about 52 per cent by weight. Using crushed, recycled concrete for aggregate material in producing new concrete is nothing new, but Alam and his students are broadening the scope by looking at other materials such as crushed glass and even discarded paint.

Alam is blending the recycled aggregate and traditional material with encouraging outcomes. "We are mixing all sorts of waste and making it a totally green concrete.... This project will focus on formulating comprehensive guidelines to assist the concrete industry to produce ready mix green concrete."

Alam is testing various formulas of this new-generation concrete under different environmental exposures to determine its long-term performance. "We have tested the fresh and hardened concrete properties, but there is little research on using a combination of paint and other industrial wastes. Now we have to test for the long term," says Alam.

Alam's team members are undergraduate research assistant Emma Slater and graduate students Muntasir Billah and Rafiqul Haque. The research is supported by OK Builders Supplies Ltd. and the Natural Sciences and Engineering Research Council of Canada, which provided a \$25,000 grant. The City of Kelowna facilitated the access to the Glenmore landfill and collect recycled concrete aggregates. FRP scraps were donated by FormaShape-Whitewater Composites, Kelowna. Okanagan Testing Laboratories Ltd, Kelowna provided experimental facilities to conduct some testing of materials.

TIME FOR A NAME CHANGE: FISH FOUND IN "NO-FISH CREEK"

Britannia Beach residents are no doubt celebrating the welcome news that pink salmon are returning to their waters. In September, Global News reported on the appearance of salmon in Britannia Creek, once named "No-Fish Creek" by First Nations and previously ranked by Environment Canada as one of North America's worst metal pollution sites. The mine closed in 1974, but a number of contributing factors led to a chemical reaction that caused highly acidic runoff containing large concentrations of dissolved metals. The polluted water was being deposited directly into Howe Sound.

So what happened to turn this all around? Over the past decade, UBC's Centre for Environmental Research in Minerals, Metals, and Materials (UBC-CERM3) has conducted more than 50 projects directly aimed at solving environmental, social, and sustainability issues resulting from mining activities. One of them involved the December 2001 installation of a concrete plug in a horizontal mining tunnel located 2,200 ft from the top of Britannia Mountain. This type of plug can be designed to last for 1,000 years, is cheaper



ALLARD HALL IS THE NEW HOME OF UBC LAW

to build than concrete, and entirely resistant to the acidic water with which it might be in contact.

By January 2002, metal levels near the mouth of Britannia Creek had dropped by two orders of magnitude to levels below drinking water requirements and the pH had risen from 5.0 to 6.5. About 18 months later, schools of salmon fry were observed swimming in the mouth of the creek, and blue mussels, a highly sensitive species, were beginning to repopulate the foreshore on either side of the creek along Howe Sound. The total copper and zinc emissions had each declined by about 20 per cent, indicating metals were now significantly reduced. In 2005, together with Epcor Utilities Inc., the BC government opened up a water treatment plant that removed virtually all the metals entering Howe Sound.

NEW NEST FOR LEGAL EAGLES

With powerful learning and sustainability features, Allard Hall – named after donor and alumnus Peter A. Allard – will advance legal research and education in Canada, expand the UBC Faculty of Law’s presence in the community and honour its ties to BC First Nations.

The four-storey, 141,000 square-foot building includes a replica courtroom, technologically

enhanced learning spaces, and expanded space for important public resources, including a state-of-the-art law library, the UBC Law Student’s Legal Advice Program and UBC chapter of Pro Bono Students Canada, where law students provide more than 200,000 hours of free legal services annually. UBC Law established Canada’s first Aboriginal law program in 1970, and the new building has an Indigenous Classroom and First Nations Student Lounge, plus references to the Musqueam Indian Band on whose traditional lands UBC is located.

Built to achieve LEED Gold certification, Allard Hall’s carbon footprint will be as much as 87 per cent smaller than that of an equivalent conventional building. It features a geo-exchange system that harvests the Earth’s heat through deep underground wells, high-efficiency lighting and ventilation, passive cooling strategies and end-of-trip cycling facilities.

The legal community, alumni and friends of UBC Law donated nearly \$35 million towards Allard Hall. Major gifts include a \$9.825-million portion of Allard’s recent \$11.86-million donation – one of the largest individual gifts to a Canadian law school – and two grants from the Law Foundation of BC totalling \$12 million. UBC committed the remaining \$21 million of the building’s cost.

DETECTING HIGH-STAKE LIES

It is a scenario that has played across television screens too many times over the years: a tearful plea for the safe return of a loved one. But in some of these cases, the person making the plea has eventually proven to be responsible for the disappearance.

Forensic psychologist student Leanne ten Brinke, who is studying at the UBC’s Okanagan campus, spent the last six years working with psychology professor Stephen Porter to study 78 cases in Canada, the US, UK and Australia of people pleading for the safe return of a loved one.

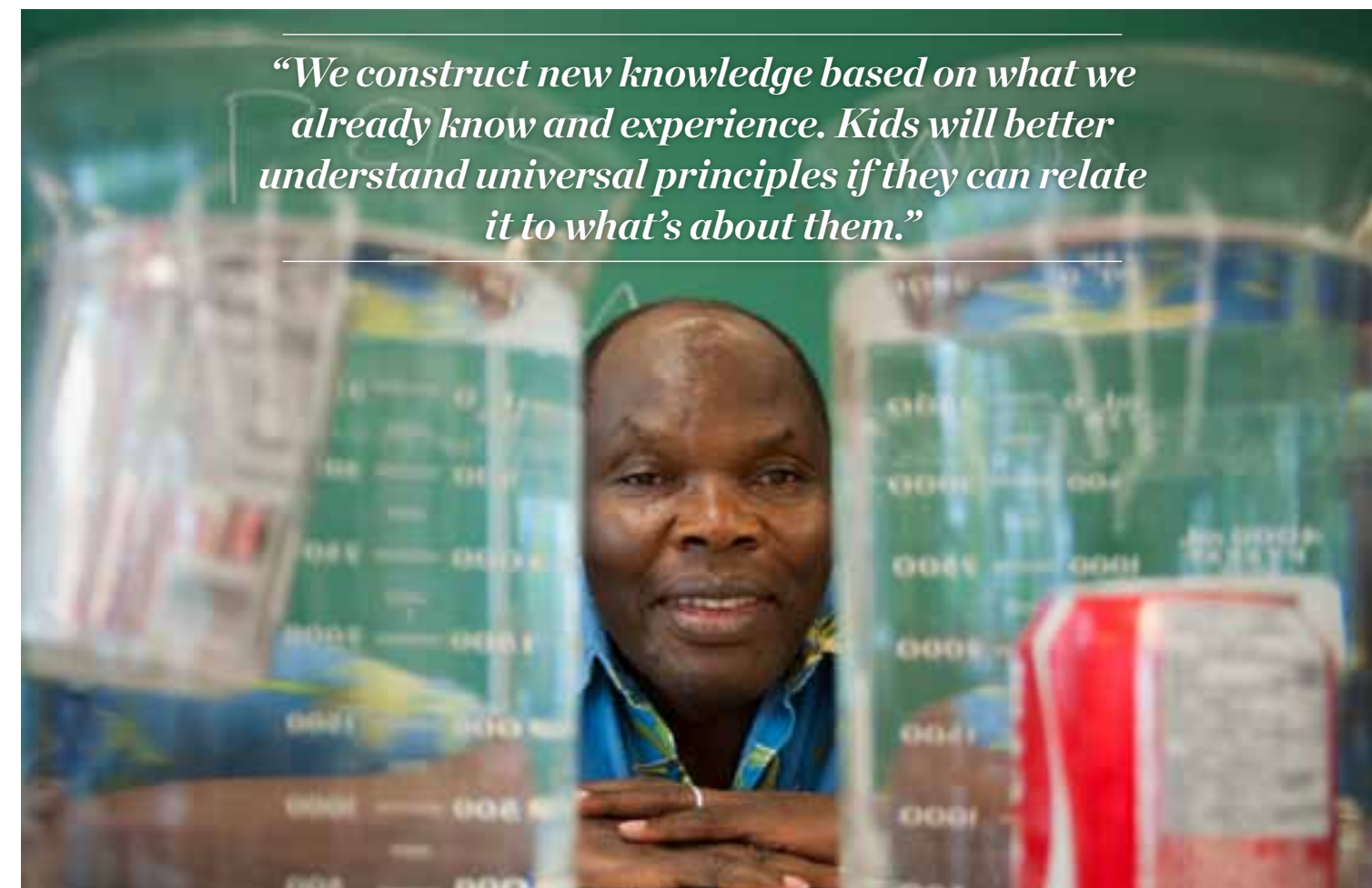
In half of the cases, the people were lying and were actually the perpetrators. Through extensive frame-by-frame study of the pleas, ten Brinke and Porter established solid guidelines to help ascertain if a plea is genuine. Ten Brinke hopes the information they have developed will help law enforcement in future cases.

This is the most comprehensive study of high-stakes deception ever undertaken. “Most previous deception studies have focused on lies that are trivial relative to those about crime or terrorism, and this study offers new insights into high-stakes lies,” says Porter. “The problem of high-stakes lies cannot be over-stated, as they occur in politics, business and criminal contexts.”

“We looked at body language as well as verbal and linguistic cues. Close attention to the face can give lots of clues,” says ten Brinke. While the researchers cannot simply tell police outright that someone is lying, they can point out indicators and characteristics that could show the person is not being truthful.

The same group recently found that psychopaths – who have a high recidivism rate and do not benefit from treatment – are more than twice as likely as their non-psychopathic counterparts to be granted parole after the parole interview. These researchers attributed this pattern to the “Academy Award-winning” performances of psychopaths in the parole hearing, adopting the persona of the remorseful, rehabilitated offender.

Porter says in another study, these researchers also found “psychopathic individuals are able to mimic or fake emotions better than the rest of us, at least to the untrained eye.”



SAMSON NASHON ENCOURAGES STUDENTS TO DEVELOP CRITICAL THINKING SKILLS

“We construct new knowledge based on what we already know and experience. Kids will better understand universal principles if they can relate it to what’s about them.”

SPURNING ROTE LEARNING

Samson Nashon says that contextual learning and using the principle of metacognition to help develop critical thinking skills are increasingly common approaches to successful teaching and learning.

“We don’t learn in a social vacuum,” says the associate professor of curriculum and pedagogy, “we construct new knowledge based on what we already know and experience. Kids will better understand universal principles if they can relate it to what’s about them.” Critical thinking can be developed based on the principle of metacognition – or thinking about thinking. Self-awareness and self-directed learning techniques are encouraged. “Students are empowered to monitor, acknowledge what works and what doesn’t, and to direct their learning processes so they can succeed,” says Nashon, a former high school math and physics teacher. It’s a principle he now applies in his

own classes for future teachers in UBC’s Faculty of Education.

Nashon recently conducted a study with high school children in Western Kenya to assess how contextual learning and metacognition would affect their learning experience. The students reported a clearer understanding of science when concepts were illustrated using the familiar context of the country’s rapidly evolving small-scale manufacturing and technology sector. “Historically, science education was very much about handing the student a package of information. And that information didn’t always translate to a non-western or post-colonial context,” says Nashon. He set the students an assignment to explain the construction and improve the design of charcoal burning stoves, used in most Kenyan households. “They get to unravel the science embedded in their experience and draw on science to ask questions that could advance the design,” he says.

And the approach can be a lot more fun than rote learning. A few years ago, Nashon and professor of education David Andersen worked with BC high school teachers on new physics curriculum. An annual contest emerged, BC’s Brightest Minds, where physics students compete to solve physics posers involving Playland rides at the PNE such as the Hellelevator, which shoots riders about 200 feet straight upwards at 75 kilometres an hour, before releasing them into freefall. (Fun for some, anyway.)

Update your contact info and enter to
Win an iPad!

Update your contact information before December 31, 2011, and you’ll be entered to win an iPad. You can update your info on the UBC Alumni website:

alumni.ubc.ca



YOUTH PARTICIPANTS IN A SMOKING CESSATION PROGRAM WILL TAKE PHOTOS ON THE THEME OF A SMOKE-FREE LIFE

PICTURE ME, SMOKEFREE

For years, cigarette packaging has been required to carry in-your-face warnings about the all-too-often lethal results of smoking tobacco. These include images of diseased mouths and cancerous lesions, as well as guilt-inducing pictures of innocent children endangered by a parent’s habit. But many die-hard smokers seem immune to such shock tactics. Perhaps something more subtle and interactive might be more effective at altering thinking patterns and behaviour – especially among younger smokers whose age might make them feel impervious to the consequences of smoking.

Enter Rebecca Haines-Saah, a research associate at UBC Okanagan’s iTAG group (Investigating Tobacco and Gender). The Canadian Cancer Society has given her a \$125,000 grant for a campaign to stop smoking aimed at Canadian youth. It involves using popular social media platforms such as Facebook and Flickr to build a supportive online community and asks that participants who are trying to quit take and post photographs on the theme of what a smoke-free life means to them.

“In previous photography projects we’ve done with smokers, we see that people – especially younger people – create images that are strikingly different from the ones we usually see in tobacco control campaigns,” says Haines-Saah. “A lot of time and money is spent designing public health messages and imagery that will motivate or ‘scare’ people into quitting smoking. Our project is very different because it asks young adult smokers to use photography as a tool to step back and to reflect on why they smoke and why it may be hard for them to stop.”

In Canada, the 18-24 year-old age group accounts for the highest tobacco usage and is becoming a priority group for targeted cessation programs. Social media provide familiar territory and plenty of opportunity for discussion and collaboration. The Picture Me, Smokefree program explores how smokers think, rather than dictating what they should do.

“It’s really important to access the smoker’s point of view, so that we make sure we design cessation programs and messages that better support people [who] may want to quit,” says Haines-Saah.

SHE’S A GENIUS

Sarah Otto, a zoology professor and director of the Biodiversity Research Centre at UBC, is one of 22 people to be picked for this year’s round of “genius grants” from the John D. and Catherine T. MacArthur Foundation.

Otto, a theoretical biologist, has focused on fundamental questions of population genetics and evolution, such as why some species reproduce sexually while others reproduce asexually, and helped to make mathematical modelling a more accessible tool for fellow biologists.

MacArthur Fellows receive \$500,000 payable over five years, no strings attached. Candidates are selected for their “exceptional creativity, promise for important future advances based on a track record of significant accomplishment, and potential for the fellowship to facilitate subsequent creative work.”

“At UBC, where I’m surrounded by so many creative people, I’ve been able to go places intellectually that I otherwise might not have explored,” Otto says.

She learned about her award two weeks before the news went public, by way of an email that she at first suspected might be spam.

“I was just about to delete it when I noticed the email address: macfound.org,” Otto recalls. After some online investigating, she realized that the email came from the MacArthur Foundation. When she called, her first question was: “Is this what I think it’s about?”

“The MacArthur Fellowship gives people the freedom to be creative, giving them room to focus on what they do well,” Otto says. “So I am going to take that to heart and carve out more time for the math and science that I love doing.” She is just starting to think about specific ways she will use the stipends. ●

- EXECUTIVE DIRECTOR’S MESSAGE -



“Every Great Movement Starts Somewhere” – that was the somewhat mysterious message on an invitation sent to the Vancouver campus community asking them to come to the War Memorial Gym on the morning of September 28. A large and naturally curious crowd of students, staff and faculty turned up to hear Professor Stephen Toope announce an extraordinary new effort – the *start an evolution* campaign – and invite them to join forces with the whole UBC community in making it a huge success, and it was clear that alumni are a key part of these efforts.

The campaign has two key objectives – to raise \$1.5 billion to enhance student learning, research and community involvement at UBC and to double alumni involvement in the life of the university by 2015. The dual campaign is unique and historic in Canada and presents the opportunity for alumni and friends of UBC to combine their energy and passion with the university to make a difference in the world. If you haven’t checked out the *start an evolution* website yet, I encourage you to do so (startanevolution.ca).

- ASSOCIATION CHAIR’S MESSAGE -



When I was asked to join the efforts of the Alumni Association board in 2009, it was an easy decision to accept the role. As well as the personal affection I have for UBC (with many fond memories from student days that would take up this whole column if I were to list them now), I am particularly keen to support it as an organization that practices community outreach in order to enrich the lives of citizens.

I was City Manager of Vancouver for 10 years and worked closely with UBC at a time when it was expanding its capacity to serve the community through innovative partnerships and programs. Initiatives such as The Learning Exchange and the Humanities 101 program in the Downtown Eastside, for example, are now thriving and making education accessible to those with a passion for learning who might not otherwise have the opportunity. They also create a space for dialogue around social issues affecting the area. Other excellent examples of public service are the student-run health and dental clinics that are not only valuable to community members, but also a hands-on,

There are approximately 270,000 alumni of UBC: 195,000 of you live in Canada, and of those 170,000 live in BC. Another 75,000 live outside of Canada around the globe. The university and your Alumni Association are jointly endeavoring to welcome alumni into the life of the university. We are actively seeking innovative ways to give you access to the university’s intellectual riches; increase programs that serve your interests and needs and bring additional value to your lives; and identify new ways to communicate with you and keep you abreast of the latest developments at UBC and within your alumni community and networks. We are delivering these programs and services to you online, on both campuses, and in your own back yards. In short, we are absolutely committed to building a robust community of alumni who have an interest in the university’s ambitions and a stake in its success.

Of course, we want the relationship to be mutually beneficial. You can get value out of your relationship with UBC for a lifetime and what we ask in return is your own commitment to and interest in your alma mater. Keep your contact information up-to-date (you can do so online); listen to a podcast of one of our numerous program offerings; attend an activity near you or at the Vancouver or Kelowna campuses; if asked by your faculty to serve on a panel, talk with students, or take on a volunteer role, do it; share your enthusiasm about UBC with your friends and colleagues; and, finally, as you are able, please make a gift to support an important project of your choice at UBC. There are so many people here passionately invested in student learning and finding solutions to the world’s many problems, and together we can make a difference.

real-life learning experience that impresses upon students the importance of making a contribution.

Partnership and collaboration were key to making these and many other ventures work. During my tenure at the City, the university was both ally and asset in helping to develop impactful public programming. It provided the expertise, research and assessment that underpin any successful social endeavour to build the capacity of individuals and organizations.

One partnership leads to another, and for a number of years I have been serving on the President’s Strategic Advisory Council. It keeps me involved in the administration’s ongoing commitment to embrace the broader community, including key groups such as UBC alumni. In fact, knowing the importance placed on engaging alumni was a critical factor in my decision to serve the Alumni Association board. My two volunteer roles at UBC are exceptionally harmonious and I look forward to helping facilitate an even richer and more productive partnership between UBC and its grads.

I’m confident in the enthusiasm and professionalism of the Alumni Affairs staff team, and the commitment of the board. UBC is a valuable social asset worthy of our attention and support. Helping to galvanize its considerable alumni base into a sense of pride, ownership, and ultimately involvement in its pursuits to improve society is, for me, time well spent. Committed people fought to establish UBC in the first place. Now our university has had a century to mature and prove its worth as a major community investment, it is even more important to support its activities in any way we can.

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SEX, DRUGS, AND ROCKING CHAIRS

By Hilary Thomson, BA'75

Baby boomers account for nearly a third of Canada's population and now they're starting to retire. Arguably the subject of more attention than any other generation, what makes boomers different and how will this influence their experience of later life?

Remember peaceniks and protesters? Bellbottoms and be-ins? For anyone whose senior moments are mounting, these images have just triggered a tsunami of nostalgia. Who could forget an era shaped by the most influential demographic to ever wear love beads – the baby boomers.

Commonly defined as those born between 1946 and 1964, boomers number almost a third of Canada's population and are now hitting retirement age with the first wave leaving the workplace this year. But what will be the impact of their departure? Pundits warn of pension shortfalls and a healthcare system strained beyond capacity. But there is as much disagreement about the future for boomers as there is old vinyl stashed in boomer basements.

Many predict tough times ahead. The 2008 economic crisis put a big dent in many a nest egg and boomers are the first generation to enter retirement with significant debt. A survey released this year by CIBC showed 33 per cent of respondents aged 55-64 had an outstanding

mortgage and 75 per cent reported having debt of some kind. The golden years may well be tarnished by financial strain.

And despite being the healthiest children ever – thanks to improved nutrition, antibiotics and vaccines – boomers are developing obesity-related chronic disease earlier than their parents did. This is the generation that popularized the idea of healthy living, but stress, sedentary jobs and fast food have gradually gained the upper hand.

As for Canada's fiscal health, a 2010 Parliamentary Budget Office report said that boomer retirements will slow labour force growth, which in turn will slow economic growth and government revenue. The number of working-age taxpayers is forecast to shrink significantly, leaving the government short of cash to fund healthcare and pension programs. Post-boomers are worried they will be saddled with higher inflation rates, tax hikes and spending cuts to pay for it all.

But boomer gloom is not shared by everyone. UBC Economics professor Thomas Lemieux is optimistic about the labour market in the wake of boomer retirements. "It's important to remember that more people were born during the later phase of the baby boom than in the early phase," he says. "Labour markets and the economy in general have plenty of time to adjust before people born at the peak of the baby boom, 1959-60, start leaving the work force in large numbers."

Boomers will be reluctant to give up the pensions and healthcare to which they feel entitled, predicts Doug O'ram, deputy vice chancellor and principal of UBC Okanagan. A professor of history with research interests in the history of popular ideas and their influence, he wrote *Born at the Right Time*, an examination of the baby boomer phenomenon. O'ram says boomers will "dig in" to realize the retirements they envisioned.

But the current economic insecurity is taking its toll. Financial worries, along with a sense of global insecurity post-9/11 have brought a new conservatism, O'ram says. Boomers are reconsidering the wisdom of early retirement – almost gone are ads for Freedom 55 featuring smug, attractive boomers having a swell time. O'ram agrees with predictions of financial difficulties for retiring boomers and sees them delaying retirement to their late 60s or early 70s.

But what makes boomers different and how will that difference be reflected in their experience, whenever they choose to retire?

As a group they were uniquely influenced by the advent of television and marketing intended specifically for them, even as children. As young people they experienced new sexual freedom and greater access to education. In addition, "women's lib" brought huge numbers of women into the workforce, making two-income families commonplace and creating unprecedented middle-class affluence.

Their crucible included the civil rights movement, the moon landing, gay pride and the Vietnam War. The spirit of the times challenged and reinforced the values of democracy, especially egalitarianism and social justice.

Although often referred to as a homogenous demographic bulge, there is diversity within the boomer generation, according to researchers.

Canadian Michael Adams, founder of marketing research and communications consulting firm Environics and author of *Stayin' Alive*, cites four

distinct "tribes." They include Autonomous Rebels, the iconic poster children of the 60s. These boomers were politically tuned in, idealistic, critical and unafraid to protest. They were involved.

Connected Enthusiasts were the party animals, keen to exploit the new sexual permissiveness, youth culture and promotion of love and peace, a.k.a. flower power. Another group, the Disengaged Darwinists, did not identify with the counterculture at all, preferring views and values of the previous generation. The

Their crucible included the civil rights movement, the moon landing, gay pride and the Vietnam War. The spirit of the times challenged and reinforced the values of democracy, especially egalitarianism and social justice.

Anxious Communitarians were concerned about society's issues, followed the rules and wanted everyone to get along. Adams calls them the "worriers of their generation."

The outlook and behaviour of these tribes are reflected in their retirement pursuits. Adams reports the Autonomous Rebels remain experience-seekers interested in travel and involvement. Anxious Communitarians, who may have been stressed trying to keep everyone happy at work, want to completely relax in retirement. Disengaged Darwinists (who hail hockey commentator Don Cherry as philosopher king, says Adams) will carry on being disengaged in retirement, feeling excluded as social changes continue to leave them on the sidelines. The creative and confident Connected Enthusiasts believe they can build their own world and many want to start new businesses in retirement.

There may be diversity in the dreams but there is also a unifying theme. Ask boomers what they really hope for in retirement and you'll hear an echo of the rallying cry that guided a generation: Sex, Drugs and Rock 'n' Roll.

Are baby boomers more sexually adventurous? Drug company Eli Lilly (the people who brought you sexual enhancement drug Cialis) asked the question in a 2009 survey. You betcha, replied 41 per cent of the middle-aged Canadians surveyed, as reported in a recent Maclean's series on the well-being of boomers. More free time, no pregnancy worries, not to mention finally



TRIDENT NUCLEAR SUBMARINE PROTEST, NOVEMBER 1975 (COURTESY UBC PUBLIC AFFAIRS)

“Boomers use more healthcare than any other generation. They are on more and increasingly expensive drugs, use more diagnostic technologies, see more specialists, and have more surgeries.”

having the house to yourself, seem to have had a salutary effect on boomers’ sex lives. It’s the Summer of Love all year long.

The only problem is the free love generation is being a bit too free. Researchers have found that boomers are not using condoms, even with casual partners. For many boomers, condoms were phased out when the Pill was phased in. Decades later, latex seems so 1950s.

But in 2008, the Public Health Agency of Canada found that more than 12 per cent of all reported AIDS cases occurred in people aged 50 or older. Incidence of HIV for the same age group rose from about 10 per cent in 1999 to more than 15 per cent in 2008. Sexually transmitted infections are also increasing.

Dr. Eric Yoshida of UBC’s Faculty of Medicine warns that boomers having unprotected sex should also be concerned about Hepatitis B. “Just being older doesn’t necessarily mean you have natural immunity,” says Yoshida. “Today, there is universal vaccination at birth in BC but the vaccine had not been developed when boomers were children. This generation evaded population-based protection and is at risk.” Acute Hepatitis tends to be more severe in older people and can cause acute liver failure and death, he adds.

So, maybe free love does come with a price tag these days. Just add it to the bill – along with huge amounts of cash attributed to boomer drug spending. No, not the mind-expanding kind. Boomer drug culture is now about prescription medicines.



CLOCKWISE FROM TOP LEFT: DAYCARE PROTEST, MARCH 1975 (COURTESY UBC PUBLIC AFFAIRS); STUDENT SIT-IN AT FACULTY CLUB, OCTOBER 1968 (PHOTO CREDIT: MEREDITH L. SMITH); MOWRY BADEN LEADING ARTS STUDENTS’ MEDITATION CLASS AT STRATHCONA LODGE OUTDOOR RECREATION CENTRE, CIRCA 1970.

Boomers account for as much prescription drug spending as the elderly in BC, according to research published by Steve Morgan, associate director at UBC’s Centre for Health Services and Policy Research. *The British Columbia Rx Atlas* showed medications for cardiovascular disease, depression and ulcers top the charts in drug spending. Morgan found that from 1996-2006, per capita spending on prescription drugs rose by 140 per cent.

But boomers pride themselves on being healthier than the previous generation, so why all the drugs?

“Boomers use more healthcare than any other generation,” says Morgan, who is also an associate professor in UBC’s School of Population and Public Health. “They are on more and increasingly expensive drugs, use more diagnostic technologies, see more specialists and have more surgeries.”

Part of the problem is boomeritis. That’s how

healthcare professionals describe joint and overuse injuries seen in middle-aged patients. Unwilling to give up the high-impact, strenuous pursuits of their youth, many boomers are downing drugs like candy after hitting the track or ski slopes, hoping pills can push back the clock.

It seems the Pepsi generation is in denial. Former flower children are now using drugs to help them stay forever young. In the sex department, global sales of erectile dysfunction drugs are reported at almost \$500 million for Pfizer’s Viagra and about \$460 million for Eli Lilly’s Cialis. For other aging body parts, the magic medicine cabinet of rejuvenators includes Botox injections, memory-building supplements, diet and hormone pills and hair growth stimulants.

Despite this consumption, Morgan disagrees with predictions that boomers will bust the healthcare system. He has recently published research that looks at population aging and

For many boomers, condoms were phased out when the Pill was phased in. Decades later, latex seems so 1950s.



healthcare spending. The findings showed rising expenditures are not driven by the aging of the population, but by factors that can be controlled by healthcare providers or policy-makers, such as public drug coverage plans.

Aided by great sex and drugs, it is expected the Woodstock generation will resist the rest home. But although most boomers know the ingredients for healthy aging, some misconceptions do exist.

“Being physically active should not be defined by how many times you go to the gym,” says Teresa Liu-Ambrose, UBC assistant professor of Physical Therapy. “Even if you go to the gym for 30 minutes a day and then sit for the rest of the day, you still have an increased risk of morbidity and mortality. Instead, conceptualize being physically active as constant movement throughout the day – take the stairs instead of the elevator or pull your own weeds instead of hiring a gardener. Small amounts of activity throughout the day truly do add up to significant health benefits.”

The boomers’ need to control their health may, in fact, drive healthcare innovations.

Having helped their parents navigate the healthcare system, boomers know exactly how they want to be treated when their time comes. Their parents might have accepted pain or incapacity as part of aging but boomers are more likely to push for, and pay for, treatments to maximize health. They will look for more convenient services and co-ordinated teams of health professionals to provide the most effective care.

Healthy aging for boomers also includes staying intellectually and socially engaged. They want to retire in college towns or downtown areas that offer activities and cultural amenities. And many boomers want to keep working. In *Stayin’ Alive*, Adams reports that half of boomers intend to work at least part-time post-retirement. Volunteer work that capitalizes on career skills is also a popular goal. Many women, in particular, see this phase of life as an opportunity for a new career or community involvement.

So it seems boomers are not planning to slow down any time soon but they might take a moment to consider their own legacy. They will certainly be remembered for their consumerism, high expectations and self-absorption. But the glory days did yield some important changes, as Owram points out. “A sense of shared ideals and purpose has helped create a significant legacy,” he says. “Boomers were the generation that challenged systematic discrimination and fundamentally changed the discussion about who is considered part of our society.”

Not too shabby for a bunch of long-haired rabble rousers. So boomers unite, hold your heads high and get ready to rock ‘n’ roll right into the grooviest retirements ever seen. ●



Writer Hilary Thomson is a UBC alumna and Vancouver-based communications consultant. A proud boomerette, she has go-go boots in her closet.



SHARE YOUR THOUGHTS

If you’re a boomer, do you welcome or dread retirement? If you’re a non-boomer, how do you think you will be affected when this generation leaves the workplace? Post your comments online at trekmagazine.alumni.ubc.ca

UBC ACCESS STUDIES FOR SENIOR CITIZENS

BC residents 65 years of age or over who are Canadian citizens or permanent residents are welcome to apply for Access Studies at UBC to take courses for general interest. Normally, senior citizens do not pay application, tuition or student fees, but a few exceptions apply. For more information, please see www.students.ubc.ca/nondegree/campus or contact non.degree@ubc.ca / Phone: 604.822.1428 (Please note that senior citizens who wish to pursue studies in a degree program should visit [youbc, UBC’s prospective students website, you.ubc.ca.](http://youbc.ubc.ca))

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PLIGHT OF THE HONEY BEE

The ongoing decline of honey bees in the developed world is a serious threat to food security, yet there is no consensus on the cause and scientists are still searching for a solution.

By **TERESA GOFF**

In early July, amidst the pungent peak of blackberry blooms, a swarm of bees the size of a baseball landed on a branch in a cottonwood tree next to a research plot at UBC Farm. It was soon captured and housed in a wooden-framed hive, but a few weeks later the colony is still small – nowhere near the biomass needed to survive the winter. “So I will have to do something,” says Allen Garr, the beekeeper who tends the farm’s six hives. Suited in a bee helmet and leather gloves, Garr pries open the top super of a neighbouring hive using a piece of metal that looks like a boomerang. Inside the cells of the frame he points out cap brood, which will emerge as bees within the week, and larvae that are four or five days old. But what he’s looking for are eggs, evidence of a queen. Depending on her genetics and how much pollen she is being

fed by the worker bees, a good queen can lay up to her weight in eggs every day – about 2,500. “Okay, Tootsie, where are ya?” Garr asks, but judging from the lack of eggs he suspects this colony lost its queen a week ago. He decides to combine the two colonies into one strong enough to survive winter, but then he spots her. “She just isn’t laying very well,” he sighs. The smaller colony will have to fare on its own. “If the [other bees] detect a queen that doesn’t smell like their own, they’ll kill her,” explains Garr. He walks back to his truck, pulls off his leather gloves, replaces them with a pair of rubber ones, and gets out a bucket of pads like the ones that come under the meat you buy at the supermarket. Instead of blood, these have been soaking up formic acid for an anti-mite treatment he is about to apply.

THE VITAL BEE

“Beekeeping has become an extraordinarily complex process of animal husbandry,” says Paul van Westendorp, British Columbia’s provincial apiarist. More than fifty years have passed since van Westendorp became interested in bees. He can still conjure the aroma of wax on that warm summer day in Holland when his grade three teacher took his class to a local apiary. After keeping his own hives as a teen, he moved to Canada for an undergraduate degree in agricultural sciences at UBC. He has done apicultural research in northern Alberta, apicultural development in Africa and has been the provincial apiarist in BC since 1990. Bees, according to van Westendorp, are the spark plug of agriculture. “Without them,” he says, “we simply cannot function.”

Approximately 25,000 species of bees have been identified, with at least 40,000 still to be catalogued, but our food system has become entirely dependent on one species to pollinate crops: the Western honey bee (*Apis mellifera*). Ironically, this honey bee is not even native to North America; it was brought here by European colonizers. But over the last 40 years the total acreage of crops in North America that depend on this single pollinator has increased substantially (think about the fruit now available year-round – from strawberries to watermelons.) At the same time, there has been a sharp decline in the number of beekeepers, who in turn are noticing an increasing number of pathogens affecting their hives. “What we have are two opposing trends,” says van Westendorp, “an increased demand for crop pollination and a decline in managed pollinators.” Two questions follow that observation: what has happened to the bees and what can we do to fix it?

THE INDUSTRIAL BEE

More than a third of current global agriculture production depends on the honey bee for pollination. While some plants, such as grapes, are self-fertile, many others, such as apples and blueberries, require an insect to reproduce. Large-scale mono-cropping of pollination-dependent plants means pollinators need to be brought to the fields. And they don’t get there by beating their wings.

In the United States, colonies of honey bees are shipped on flatbed trucks from the wintering



ALUMNUS PAUL VAN WESTENDORP IS BRITISH COLUMBIA'S PROVINCIAL APIARIST.

**BEES,
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“WITHOUT THEM,” HE
SAYS, “WE SIMPLY CANNOT FUNCTION.”**

grounds of southern Texas, Florida and Mississippi to California in order to pollinate the sea of peach blossoms that will become almonds. At an estimated \$2 billion a year, almonds are the most valuable cash crop in the US. The bees then travel north to Oregon and Washington State to pollinate blueberries and cranberries, as well as apples in the Yakima Valley. This is followed by a road-trip to the Dakotas for clover and canola before being brought back to Texas to pollinate the tiny two-centimetre yellow blossoms on watermelon vines.

“We have a far more mechanized and highly developed agricultural industry than anywhere in the world,” says van Westendorp. “We have cranked up production to such a level that it is a fine-tuned machine.” In British Columbia, where the first hives arrived by ship in 1858, honey bee pollination is now responsible for more than \$160 million per year in agricultural production. In comparison, the total market

value of hive products, including honey and beeswax, comes in at a paltry \$8 million. Nationwide, pollination contributes an estimated \$750 million to agricultural production, and in the US the number jumps to over \$15 billion. Globally, enhanced crop pollination accounts for \$285 billion of farm receipts. “As soon as one component is missing,” says van Westendorp, “a whole bunch of other things go sequentially in the wrong direction.”

THE MISSING BEE

Worker bees started to decrease in number in the spring of 2006. In early 2007 news broke of Colony Collapse Disorder, and the public was warned that honey bee die-off threatened food security. Most of us became aware for the first time just how much we rely on honey bees. Canadian colonies were hit with a loss of about 35 per cent in the winter of 2008-2009. By 2010, US colony losses were estimated at 50 per cent. The number of missing bees has been equated to the number of human deaths during the Black Plague, and yet the cause of Colony Collapse Disorder (a name and concept still contested amongst scientists) has not yet been determined. What we do know is that it has only been noted in the most developed countries.

In less developed countries, there has not been a substantial loss of colonies. The key to this, for van Westendorp, is agricultural practice. In Africa, subsistence farmers have mastered the technique of inter-cropping, whereby tall vegetation, like bananas, is mixed in with smaller shrubbery, like yucasava, and the ground is covered by plants like beans and peas. Most importantly, there are wild pollinators.

By comparison, van Westendorp says to imagine driving through the Fraser Valley in the spring when the highbush blueberry, which brings in \$100 million annually, has started to



ALLEN GARR TENDS THE BEE COLONIES AT UBC FARM (PHOTO: TERESA GOFF)



PROFESSOR LEONARD FOSTER IS APPLYING A SELECTIVE BREEDING PROGRAM TO THE HONEY BEE.

flower. Just one acre of these cultivated blueberries produces 4.5 to 5 million flowers. Relying on wild pollinators in this mono-cultural setting is impossible. Densely repetitive crops leave no space for fallen trees where a native pollinator might rest or a swarm might make a home. Intense production methodologies like mono-cropping create unnatural environments, and bees are simply not designed to be carted about on the backs of trucks, feeding from limited floral sources. Though it is hard to prove, van Westendorp says it is widely accepted that this type of management regime may result in acute dietary or nutritional deficiencies.

Humans have been managing bee colonies for more than 7,000 years, but in the 1850s an ample understanding of honey bee reproduction and genetics allowed beekeepers to start breeding for desirable traits. Nowadays, beekeepers select based on four criteria: honey production, disease resistance, gentleness, and winter hardiness. Over the years, this selection process has changed the bee's exoskeleton, nervous system, digestive tract, and collective social behaviour. But breeding for desirable traits does not always solve problems. Breeders may be selecting from an ever narrower pool of genetics, says van Westendorp, and the question often raised is whether we have narrowed down that genetic pool to the point where it has become more vulnerable to the onslaught of different climatic regimes or pathogens.

"Hi, girls, me again," Garr says through the respirator he has just put on to protect himself from the fumes of formic acid. He opens a new hive; a swarm flies up and hovers. He peels off an old pad and applies a new one, the third in a series of seven treatments. "When their bums stick in the air it means they are pissed off," says Garr, pointing to the bees still on the hexagonal cells of the frame. "You can tell the moods of bees even though they are little insects," he says, squeezing the bellows of a blue tin smoke can to calm them. The bees don't like the formic acid, which has an assaulting scent. Through the respirator, which makes him sound like a soft-spoken Darth Vader, Garr says that he tries to make sure the acid doesn't touch the bees. If it does, it will kill them. As a rule, beekeepers try not to kill their bees. They take care of them, lovingly, attentively. Bees are the only insect of the order hymenoptera that we cultivate instead of kill. All other socializing insects get the stomp, swat or spray. We destroy the hives of ants and wasps with equal aggression. For bees that bear honey, we build wooden frames and wage war against pathogens using formic acid, originally distilled from the body of ants (Latin name: formica).

The formic acid on the pads Garr is using was probably produced commercially, somewhere in Germany or China. When it turns to gas, it permeates the hive and kills two types of mites: a tracheal mite, which causes the bee to suffocate, and the varroa mite. Of the two, the varroa mite is more serious. It causes all kinds of stress on the colony and injects viral material straight into the body cavity of either brood or adult bees. These parasitic mites are complex organisms and need to be fought with very special tools.

THE TOOLS

With the sequencing of the bee genome in 2006, researchers have been able to study the bee from molecule to colony. Every organism has a genome that contains all the biological information needed to build and maintain it, and genome sequencing is the process of figuring out the order of that biological information. Proteomics is considered the next step in the study of biological systems.

"Proteomics is to proteins what genome sequencing is to genes," explains Leonard Foster, an associate professor of Biochemistry at UBC. Foster was recently awarded a grant by Genome

Canada to facilitate a three-year study applying a selective breeding program to the honey bee. The aim is to increase certain bee behaviours that are known to coincide with better disease resistance. Since there is a direct link between these behaviours and the type and quantity of protein present in cells, Foster will measure the molecular fingerprints of 500 different bee populations and compare them with those of disease-resistant bees identified during a previous study. Populations with the closest match will be selected for breeding. His team will use a technology called mass spectrometry to analyze bee samples for the types and quantity of protein present. Understanding which proteins are involved in specific behaviours will allow Foster to isolate beneficial ones.

The advantage of using molecular techniques to select breeding stock is accuracy – leading to bigger improvements in bee health following each cycle – and also speed. "Without the aid of molecular techniques it takes a year to go through one breeding cycle," says Foster. "But with them we might be able to do a few cycles per year." By 2013, Foster will be ready to field test the selectively bred bees to see if they are less prone to disease.

With agricultural production at peak pitch and pathogens attacking hives to the tune of the Black Plague, the top speed solution offered by Foster is invaluable. "At the end of the tunnel, he will not give us the magic bee," says van Westendorp, "but rather a tool that allows us to find that particular strain of bee which is most resistant to disease."

Back at the farm, Garr is packing up and moving on to one of the other locations where he keeps bees. He takes care of about 20 hives, depending on how many are lost over winter or whether he catches a swarm and gains a colony. When Garr had a broken leg and was at home recovering, a friend caught a swarm on the west side. Instead of trucking it back to East Vancouver where he lived, he left it on the back porch of Garr's Kitsilano home. Since then, two rooms in Garr's basement have become overrun; one for the honey extractor, jars and lids, the other for building and storing the honey supers, standards and wooden frames. Over the years, he has come to recognize weather patterns and notice if his neighbours are spraying pesticides. "It kind of turns you into an environmentalist," says Garr. "The girls showed me the way."

The girls may show many more people the way. The economic heft of agricultural production that this tiny insect bears weighs a lot more than honey. While it is too late to turn the agricultural clock back to a time when we didn't depend so much on one species of bee, a survey of the current situation helps us understand the pressing sustainability issues in our food system. "We often lose sight of the interconnectedness between living components and all the parts that fit together," says Paul van Westendorp. This wisdom is not lost on Anelyse Weiler, a recent graduate of UBC's Global Resource Systems program in the Faculty of Land and Food Systems. Aside from being the communications coordinator at the UBC Farm, she is working to help improve bee forage by planting native and non-native species that bloom throughout the growing season. "One of the mottos we have for ecological integration at the farm is the idea that no one thing does just one thing," says Weiler. "Bees are a perfect illustration of that simple concept." ●



WITH THE SEQUENCING OF THE BEE GENOME IN 2006, RESEARCHERS HAVE BEEN ABLE TO STUDY THE BEE FROM MOLECULE TO COLONY.



UBC FARM: A POLLINATOR'S PARADISE

By **ANELYSE WEILER, BSc'11,**
UBC Farm Communications Coordinator

At the farm, we manage a rich diversity of habitats in order to support critical ecosystem services such as pollination. This diversity ranges in scale from entire landscapes to individual genes, thus encompassing a 90-year old coastal hemlock forest, 250 varieties of organic crop, and the 70 types of heritage apple pollinated by bees in our student-initiated orchard. For the past several years we have been establishing wildlife hedgerows and other natural habitats, integrating them into areas of intensive field production.

Habitat loss and urbanization have harmed bee populations by reducing the abundance of flowers for food. We have been working to expand "insectary" plantings with the help of undergraduate student researchers and community volunteers. Our goal is to ensure that both the farm's honey bees

and indigenous bees have access to a suite of floral nectar and pollen sources throughout the growing season. We also keep the bees' needs in mind when sowing cover crops in the fall. Cover crops are primarily used to protect soil from rain, build organic matter and add nitrogen, but flowering cover crops such as clover species and phacelia also happen to be excellent sources of food for bees and butterflies.

These efforts to improve bee forage don't need to end at the farm; anyone with a garden can help. By planting colourful and fragrant species of flowers attractive to bees, gardeners can have a positive impact on the health of local pollinators. It is particularly important to include native flowers such as goldenrod, Oregon grape, lupines and pearly everlasting. This season, we established a community partnership with the Environmental Youth

Alliance through its Pollinator's Paradise program. Local high school students built the farm two "condos" for the native orchard mason bee. These simple bee houses can be built or bought and affixed to the outside of a building, meaning apartment dwellers can do their bit, too.



The UBC Farm welcomes members of the UBC and broader community who are interested in teaching, research and volunteer opportunities. See the website for details (www.landfood.ubc.ca/ubcfarm). Updates on academic initiatives, farm markets and quirky site happenings are posted on Facebook (Centre for Sustainable Food Systems at UBC Farm) and Twitter (@ubcfarm).

THE 2011
**UBC ALUMNI
ACHIEVEMENT
AWARDS**

From groundbreaking medical research to far-reaching social advocacy efforts, our 2011 Alumni Achievement Award recipients have impacted the lives of those around them through their leadership, discovery, and commitment to improving our world. Their remarkable achievements will be celebrated on November 29. To learn more about the recipients, please visit our website: www.alumni.ubc.ca/awards



Nelly Auersperg,
PhD'68

LIFETIME
ACHIEVEMENT AWARD

Dr. Nelly Auersperg is a pioneer of gynecological cancer research who has focused her career on advancing the medical community's ability to detect ovarian cancer at its early stages. In 1974, few others were studying the disease, which meant she needed to develop many of the tools used to study the cancer in vitro herself, leading to promising new possibilities for treatment and survival.



George Bowering,
BA'60, MA'63, DLit'94

ALUMNI AWARD OF
DISTINCTION

Dr. George Bowering is one of the most influential and prolific writers in Canadian literary history. A national historian, essayist, short-story writer, novelist, editor and children's author, he is a prime example of the artistic talent that UBC is proud to foster. The quantity, originality and relevance of his work have distinguished him as an international artist, leading him to be honored as the first poet laureate of Canada.



Marie Earl

HONORARY ALUMNUS AWARD

From 2005 to 2010, UBC's alumni community had no greater advocate than Marie Earl. Her arrival on campus to assume leadership of alumni affairs marked a new era in alumni relations and a determined push to engage one of the university's largest constituent groups. Due in large part to her dedication and hard work, the university's strategic plan, Place and Promise, now includes alumni engagement as one of its key components.



Rahim Moloo, LLB'05
OUTSTANDING YOUNG
ALUMNUS AWARD

With a list of achievements longer than that of most people twice his age and a CV that could shame top executives, Rahim Moloo, not yet 30, epitomizes the enormous potential that UBC graduates possess. Rahim specializes in issues of international law and has advised governments and multinationals in international disputes. He recently joined the University of Central Asia in Kyrgyzstan as general counsel and board secretary.



Jane Hungerford,
BEd'67

BLYTHE EAGLES VOLUNTEER
LEADERSHIP AWARD

Jane Hungerford's record of volunteer service and community leadership sets a gold standard for civic duty. Over the past 40 years, she has focused her efforts on education, conservation, social services and healthcare, raising millions of dollars for crucial research and services. She has supported a wealth of causes, including the BC Cancer Foundation, The Salvation Army, the Pacific Salmon Foundation, and the UBC Rowing program.



Meghan MacDonald,
BSc'05, MD'11

OUTSTANDING FUTURE
ALUMNUS AWARD

As a decorated scholar, community volunteer and determined athlete, Meghan MacDonald is an exceptionally well-rounded individual and an inspiration to her peers. Since her nomination and selection for this award, Meghan has graduated from the Faculty of Medicine. Her long list of honours and achievements provides a small preview of the bright future awaiting her.



Dr. Felix Durity, BA'58,
MD'63, FRCSC

OUTSTANDING FACULTY
COMMUNITY SERVICE AWARD

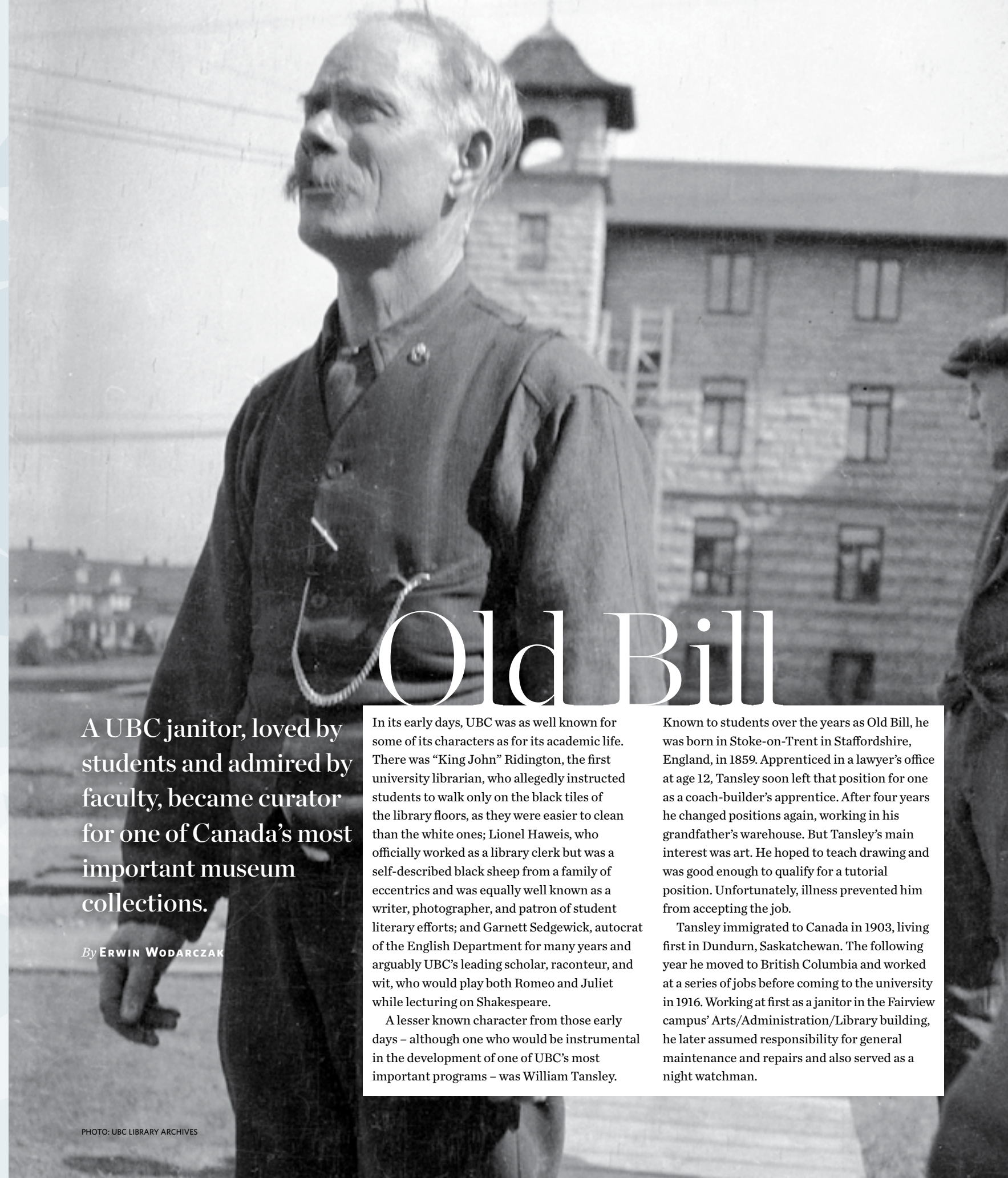
Dr. Felix Durity, now a professor emeritus in UBC's department of surgery, was the first resident to be trained in neurosurgery at UBC. He is not only one of the most respected neurosurgeons in Canada but also a renowned humanitarian who has dedicated his life to seeking out the best possible neurosurgical care for the people of British Columbia and beyond.



M. Hosny El-Lakany,
PhD'69

GLOBAL CITIZENSHIP AWARD

Dr. M. Hosny El Lakany has dedicated his life to pushing the environmental agenda on the world stage. During his four-decade career, he has not only conducted novel and award-winning research but also applied it to shape policies addressing some of the world's most imperative issues. These include deforestation, land degradation, climate change, globalized trade and investment, forest governance, poverty reduction and natural resource conservation.



Old Bill

A UBC janitor, loved by students and admired by faculty, became curator for one of Canada's most important museum collections.

By ERWIN WODARCZAK

In its early days, UBC was as well known for some of its characters as for its academic life. There was "King John" Ridington, the first university librarian, who allegedly instructed students to walk only on the black tiles of the library floors, as they were easier to clean than the white ones; Lionel Haweis, who officially worked as a library clerk but was a self-described black sheep from a family of eccentrics and was equally well known as a writer, photographer, and patron of student literary efforts; and Garnett Sedgewick, autocrat of the English Department for many years and arguably UBC's leading scholar, raconteur, and wit, who would play both Romeo and Juliet while lecturing on Shakespeare.

A lesser known character from those early days – although one who would be instrumental in the development of one of UBC's most important programs – was William Tansley.

Known to students over the years as Old Bill, he was born in Stoke-on-Trent in Staffordshire, England, in 1859. Apprenticed in a lawyer's office at age 12, Tansley soon left that position for one as a coach-builder's apprentice. After four years he changed positions again, working in his grandfather's warehouse. But Tansley's main interest was art. He hoped to teach drawing and was good enough to qualify for a tutorial position. Unfortunately, illness prevented him from accepting the job.

Tansley immigrated to Canada in 1903, living first in Dundurn, Saskatchewan. The following year he moved to British Columbia and worked at a series of jobs before coming to the university in 1916. Working at first as a janitor in the Fairview campus' Arts/Administration/Library building, he later assumed responsibility for general maintenance and repairs and also served as a night watchman.

Well-read and a natural storyteller, Tansley was popular among students and faculty alike. Professors who stopped to chat often found him almost as knowledgeable about their subjects as they were. Students called on him to open jammed lockers, paint signs advertising a campus event, or even just lend a sympathetic ear. Every Christmas a collection was taken to buy him a present – one year a set of books, another year a gold watch.

Tansley was given another responsibility in 1927 when Dr. Frank Burnett donated his extensive collection of artifacts and artwork from the South Pacific to the university. Tansley and Burnett were friends; supposedly, Old Bill knew the collection so well that when it was donated to UBC

he was automatically given the position of curator.

Housed on the first floor of the library, the Burnett Collection included weapons, tools, items of clothing, idols and other religious artifacts, human skulls and bones, and many other curios. Numbering nearly a thousand pieces, it was at the time one of the largest such collections in the world. Tansley was responsible for maintaining the collection in its display cabinets, and for conducting tours for interested students and staff.

Over the years, other materials were added, including artifacts from First Nations groups in BC. The combined collections became known as the University Museum, and Tansley served as curator until his retirement in 1941. He was

succeeded by Dr. Ian McTaggart Cowan of the Department of Zoology. The museum continued to evolve, and began shifting from the collection of curios towards supporting serious research and study – especially after 1947 when anthropologists Harry and Audrey Hawthorn were appointed director and curator, respectively.

William Tansley died in 1957. The museum he helped establish was eventually renamed the UBC Museum of Anthropology (MOA). Since its transfer from the library to its current site on Marine Drive in 1976, MOA has become a world-famous centre for anthropological research and education, and one of the university's most important landmarks. ●

· WILLIAM TANSLEY · In His Own Words:

Although acting as janitor, part of whose duties are as a watchman and the other part as sweeper and cleaner, in the long night and morning hours my brain and imagination are at times very busy, especially as I pass through the library and look on the seemingly endless rows of books.

Here is Froissart, truly in every sense a chronicler, and as I turn over the pages richly illuminated and illustrated in the quaint mediaeval way, I am reminded forcibly of Sir John Fastolf and Caister Castle in Norfolk....

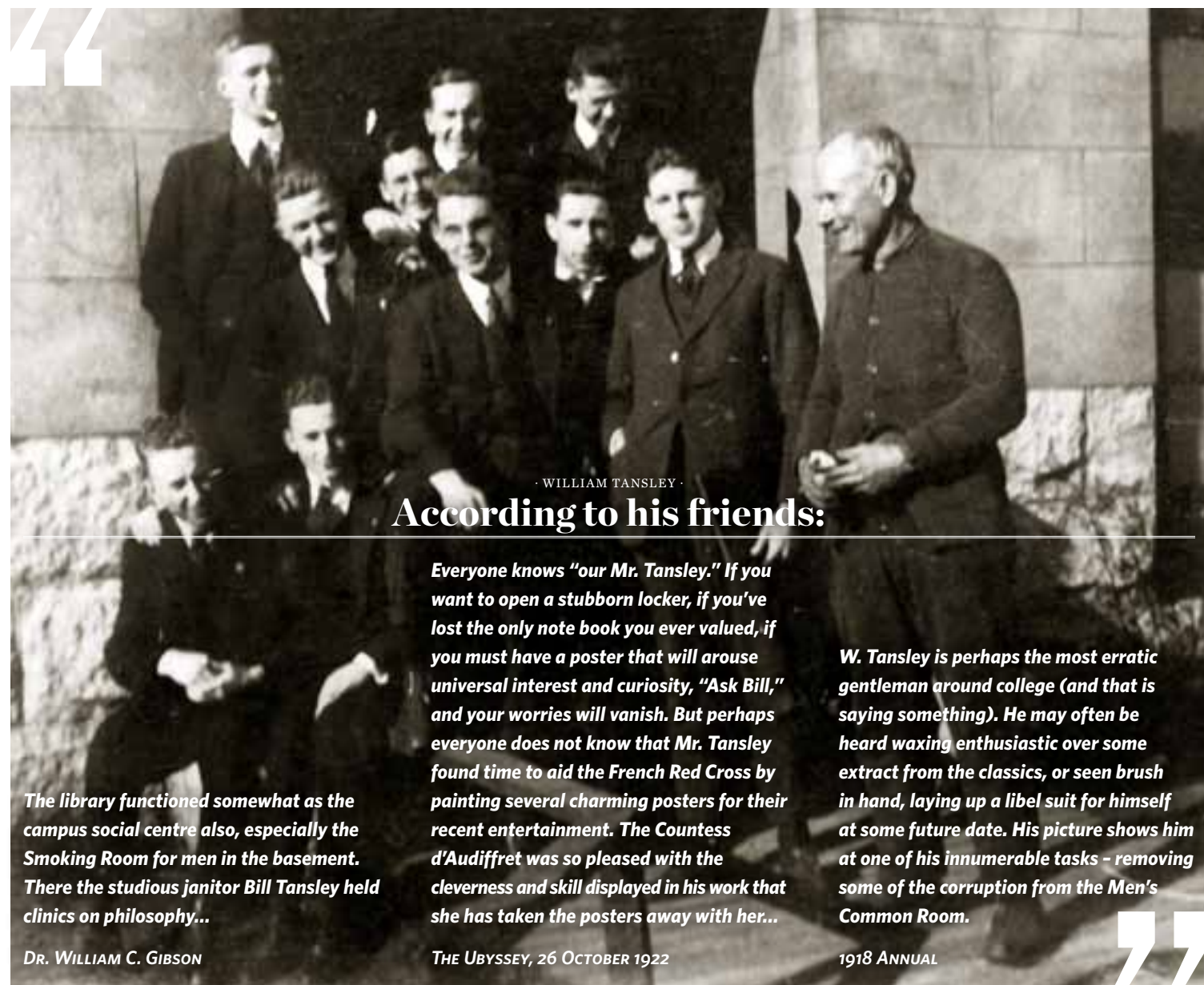
I have many times visited the old castle, the first brick castellated and moated structure erected in England. The outer walls and tower still remain, also remains of the old staircase to the tower summit....

Another volume, Visitations of Norwich, brought a flood of reminiscences to my mind of old Benet's Abbey, founded by Canute the

Dane, the monks of which, at Sir John Fastolf's death, were specially barbered and shaved for the funeral obsequies.

Gray's Elegy – yes, with its pathetic lesson for all. "The rude forefathers of the hamlet sleep" – and, wearied with the long and hard night's work, as I seat myself among this vast array of history, romance and philosophy, the severe modernity of the stacks seems to soften, the old, old monastic arches take shape, and the narrow spaces resolve into scriptorium, with the painstaking monks laboriously inscribing those glorious pages on vellum. But this dreaming will never do – a janitor's job is to clean and dust and make the place presentable when the institution opens for the students in the morning.

William Tansley, *The Ubicee*, February 1917



· WILLIAM TANSLEY · According to his friends:

Everyone knows "our Mr. Tansley." If you want to open a stubborn locker, if you've lost the only note book you ever valued, if you must have a poster that will arouse universal interest and curiosity, "Ask Bill," and your worries will vanish. But perhaps everyone does not know that Mr. Tansley found time to aid the French Red Cross by painting several charming posters for their recent entertainment. The Countess d'Audiffret was so pleased with the cleverness and skill displayed in his work that she has taken the posters away with her...

W. Tansley is perhaps the most erratic gentleman around college (and that is saying something). He may often be heard waxing enthusiastic over some extract from the classics, or seen brush in hand, laying up a libel suit for himself at some future date. His picture shows him at one of his innumerable tasks – removing some of the corruption from the Men's Common Room.

The library functioned somewhat as the campus social centre also, especially the Smoking Room for men in the basement. There the studious janitor Bill Tansley held clinics on philosophy...

DR. WILLIAM C. GIBSON

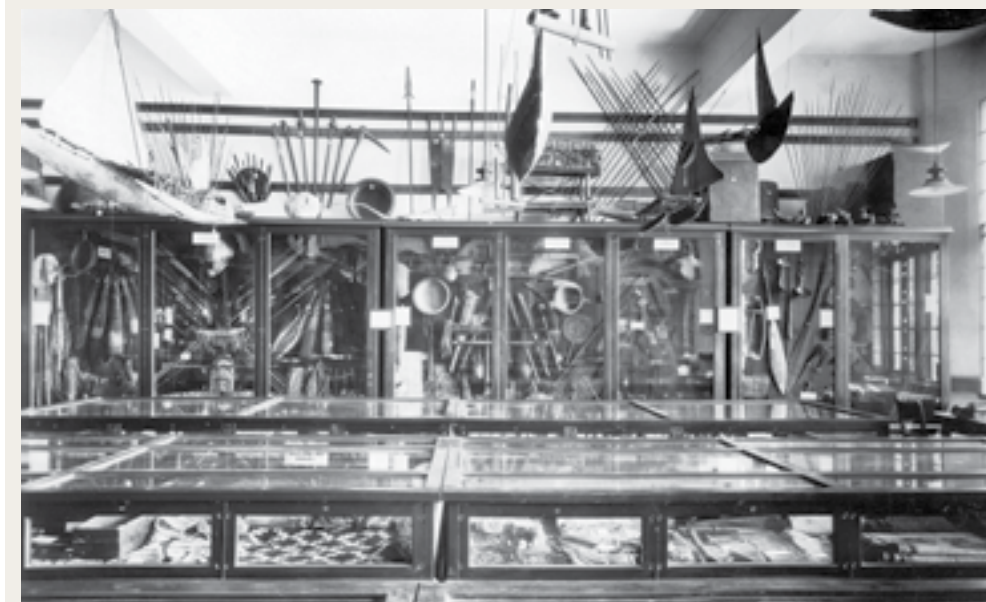
THE UBYSSSEY, 26 OCTOBER 1922

1918 ANNUAL

The Frank Burnett Collection at MOA

The son of a sea captain, Frank Burnett's life was bound for adventure. At age 14 he left his home in Liverpool to begin an apprenticeship aboard a sea vessel. Travelling as far as Egypt and South Africa, he landed on Canadian shores in 1870. He eventually lived in Winnipeg for a number of years with his young family and worked variously as a farmer, a grain dealer, a private banker, and police magistrate. After 15 years of mixed fortunes he packed up and moved west to Vancouver, where he made his fortune. By 1901, at the age of 49, Burnett was ready to

retire but he continued to explore many areas in the South Pacific collecting more than 1200 objects from the people he met there. Along with Inuit objects from the collection of Ian M. Mackinnon, the 1200 pieces were installed by Frank and his daughter, Nina, in a first-floor room in Main Library, where they remained for 20 years. The artifacts formed the base collection for the Museum of Anthropology when it was founded in 1947, but were placed in storage until the museum moved to its current premises in 1976.



THE FRANK BURNETT COLLECTION IN ITS ORIGINAL HOME AT MAIN LIBRARY. (PHOTO: UBC LIBRARY ARCHIVES)



MODEL CANOE, MICRONESIA, BEFORE 1902. THE BURNETT COLLECTION, MOA 2642/5.



BONITO FISH, SOLOMON ISLANDS, BEFORE 1909. THE BURNETT COLLECTION, MOA 2642/5.



EEL TRAP, MICRONESIA, BEFORE 1902. THE BURNETT COLLECTION, MOA C828.

Redefining Justice

By HILARY FELDMAN, BSc'86



UBC professor Frank Tester thinks a community-based system of restorative justice is an effective method for addressing and reducing crime, and restoring healthy social relationships.

On June 15, after the final game of the Stanley Cup playoffs, Vancouver erupted into a full-fledged riot. From burning cars and fighting in the street to opportunistic looting, the rioters seemed to show rampant disregard for societal conventions. It was a wake-up call for local residents, who were left with a trail of destruction along with a pervasive sense of intimidation and outrage. The riots – or more specifically the rioters – have lingered in the news and, as charges start to be laid, opinions differ on what should happen to those found guilty of riot-related crime. Some angry critics are keen to publicly name, shame, and punish through the traditional legal system, while others favour an alternative approach that might prove more constructive.

In response to the outcry after the riots, the Solicitor General's office, City of Vancouver, and Vancouver Police Department jointly commissioned an independent review to examine what went wrong. The resulting report, *The Night the City Became a Stadium*, included a recommendation for a process known as restorative justice for riot-related offences. In order for the punishment to fit the crime, it suggested a special community court to consider individual motives, distinguishing remorseful first-time offenders from career criminals. Ideally, restorative justice would reintegrate riot offenders through a process that would teach them to recognize their mistakes, accept responsibility, and make positive reparation to the community.

PHOTO: MARTIN DEE

UBC social work professor Frank Tester favours restorative justice over the adversarial legal system, with its complex definitions and argumentative style. Not only would the riot's massive scale clog the conventional court system for years, but any underlying issues would also go unaddressed. "We won't have learned much. The rioters won't have learned much – if anything," says Tester. "Some young people could have their lives ruined by having a record. Then we will pick up the social costs for the decades they are unemployed and frustrated in their lives and relationships. What kind of justice is that?" For years, Tester chaired Vancouver's Family Court Youth Justice Committee, a civic group that reports annually to the Attorney General and Vancouver City Council. With a mandate to use community resources for children and family matters, the committee established the Vancouver Association

In order for the punishment to fit the crime, the report suggested a special community court to consider individual motives, distinguishing remorseful first-time offenders from career criminals.



for Restorative Justice to promote use of the process. The VARJ submitted a document outlining its recommendations to the authors of the riot report.

Through restorative justice, the people directly involved in or affected by a crime, plus other community members, become part of an individualized and hands-on process intended to bridge misunderstanding and dispute. Offenders and the people impacted by their crime communicate directly, something Tester says can be a powerful and healing experience for victims. He stresses that the process does not let offenders off the hook; confronting the consequences of their actions and facing their victims is difficult and intense. "I have seen offenders break down and, for the first time in their lives, come to grips with their own history, behaviour and what they have done to others. This is anything but soft justice. It is a very tough experience to go through." Offenders also have to make amends in a way deemed appropriate by the community. "The idea is to restore the person to his or her community," says Tester. "The idea is to heal wounds, not leave them open and festering. The idea is to have people better understand their own behaviour and gain insight into the circumstances that contributed to it. Through restorative justice, people learn something."

Tester's travels and work around the globe have strengthened his belief in restorative justice and its application in vastly different settings. From dealing with street youth in Hamilton, Ontario, to former child soldiers in Mozambique, the technique has been used to facilitate social reintegration and healing. The techniques can be successful even for serious crimes. "At the same time, some offenders likely should go to jail," observes Tester. "But I would want to be convinced first that no other means will do anything to change that person's behaviour and that therefore, for the sake of the safety of all of us, jail is the appropriate place."

Restorative processes can heal broken communities like the ones Tester works with in Nunavut. In fact, the approach shares key characteristics with traditional Aboriginal practices. In modern Nunavut, offenders – particularly youth – are sent away to camps where they must learn Arctic survival skills. The separation is supplemented by dialogue aimed at understanding how their behaviour affects others.



**HUGH MAURICE HENRY BROCK
1905-1990**

Hugh Brock opened my eyes. His legacy helped me to study in France and expand my horizons. Before I won the Hugh Brock Education Abroad Scholarship at UBC my attitude to education was very business-like. I just wanted to get it done and find a good job quickly. Now I look to the world for opportunities, not just Vancouver, and I have many international contacts. I made friends with people from every continent except Antarctica. Thank you Mr. Brock. Your gift has created educational opportunities for hundreds of UBC students, both on campus and in almost every part of the world. Most importantly to me, now I appreciate learning for its own sake. A lesson I hope to spend the rest of my life pursuing.

– Aarondeep Bains

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a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA



FRANK TESTER DEVELOPED THE NANISINIQ ARVIAT HISTORY PROJECT, BRINGING TOGETHER INUIT YOUTH AND ELDERS TO REDISCOVER AND DOCUMENT THEIR HISTORY AND CULTURE.

“Some young people could have their lives ruined by having a record. Then we will pick up the social costs... What kind of justice is that?”

Tester works in Arviat, a remote community formerly known as Eskimo Point on the western shore of Hudson Bay. Originally a Hudson’s Bay Company post with several religious missions, Arviat grew with the burgeoning white fox trade in the early 1900s. After World War II, the fur trade collapsed and the federal government began paying family allowances, holding Inuit in place just when living off the land became more difficult. In the late 1940s, there was major starvation in the interior of the Keewatin Region. In 1957, the government moved Inuit living at Ennadai Lake to new hunting grounds near Henik Lake, but this proved disastrous and more Inuit starved over the winter of 1957-58. Survivors were evacuated to Arviat, where many contracted tuberculosis. Farley Mowat’s books, *People of the Deer* and *The Desperate People*, documented the devastating effects of relocation. The rapid social change profoundly affected physical and mental health, social relationships, and culture. Steeped in new influences through residential schools, and then television and the internet, younger generations have often drifted away from traditional ways and lost their Inuit identity. The bitter result is a community struggling with many social problems, including addiction, family violence, abuse, and youth suicide.

“The difficulties that many Nunavummiut face today have a lot to do with the history of colonization,” says Tester, who won the Gustavus Myers Award for his contribution to the study of human rights in North America. “Colonization is about the use and abuse of power. If you have been demeaned, put down,

degraded, portrayed as stupid, primitive and pagan, it is bound to [negatively affect] self-esteem – individually and collectively.” He points to the problems faced by Inuit youth, who have one of the highest suicide rates in the world. “Without a grounding in their history and culture, Inuit youth are lost and vulnerable to all the conflicting and often destructive messages beamed at them from elsewhere.”

To help heal the rifts, Tester developed the Nanisiniq Arviat History Project, bringing together Inuit youth and elders to rediscover and document their history and culture. For phase one last year, a group of Arviat youth visited Vancouver. At UBC they worked with Tester’s archival collection of 11,000 documents detailing the social history of the eastern Arctic – the largest of its kind in the world outside of the government and church archives where the records were found. The youth looked at Arviat’s history to trace what happened to their elders and community. Phase two involves using technology, including filmmaking and interactive media, to document the process as the youth re-learn Arctic survival skills from their elders. In December, they are accompanying Tester to Durban, South Africa, to participate in the COP17 conference on climate change, bringing what they have learned from their elders to bear on the issue.

The resurgence of traditional skills and values allows Arviat youth to reconnect with their own history from an Inuit perspective. Working closely with community elders brings the generations back together. The principle is known as Inuit Qaujimagajatuqangit (IQ): rebuilding family ties,

“Without a grounding in their history and culture, Inuit youth are lost and vulnerable to all the conflicting and often destructive messages beamed at them from elsewhere.”

intergenerational relationships, respect, community support, adaptability, resilience, and strength. It is a thoroughly restorative approach based on individual and community engagement, dialogue, and reparation. Hopefully, their journey of discovery will provide the impetus to move forward into the future, combining old and new ways.

The lessons learned through restorative processes can be applied even to a modern multicultural mosaic like Vancouver. Community-building should trump retribution. The current

legal system focuses on punishing offenders with little view to true rehabilitation. Recognition, forgiveness, and reparation can restore strained relationships and hold a community together after mistakes are made. Compare that with the punitive approach, which marginalizes offenders, fractures their social bonds, and creates disenfranchisement. The resulting effects can be devastating for small remote communities, but perhaps larger societies are not immune from the repercussions.

Both the federal and provincial governments have historically promoted restorative justice as a viable alternative to the current legal system. Evidence shows that reoffending rates drop after participation in restorative justice programs. From Ucluelet to Williams Lake, communities across British Columbia are holding training sessions for restorative justice practitioners and other organizations, preparing them to address local problems, conflicts, and issues. Perhaps the same approach could bring closure to the issues raised by Vancouver’s Stanley Cup riot, moving past mindless destruction to mend social relationships and bring the community closer together. ●

Letter from the Arctic

By MICHAEL BYERS

Michael Byers holds the Canada Research Chair in Global Politics and International Law at UBC and is the author of *Who Owns the Arctic?* He is a member of ArcticNet, a federally funded research network that exists to study the impacts of climate change in the coastal Canadian Arctic. This summer, he explored the region in a Canadian Coastguard icebreaker.

Pond Inlet, the “Switzerland of the Arctic,” is situated at the northern end of Baffin Island. Its mostly Inuit residents, their colourful houses almost touching the dark waters of Eclipse Sound, look out at the ice-capped mountains and glacier-filled valleys of Bylot Island’s Sirmilik National Park.

Eclipse Sound itself is littered with icebergs, which calve off glaciers as they move towards the sea. One particularly handsome specimen is lodged on the bottom just offshore the hamlet; its pinnacle stretches 50 metres high.

Climate change has made Pond Inlet a busy place, full of tourists, prospectors, scientists and bureaucrats. I’ve arrived on a chartered flight from Iqaluit, 1000 kilometres to the south. There are two other big planes already parked on the small gravel apron, along with two smaller turboprops and a pair of helicopters.

Together, the seven aircraft could hold 200 people; the tiny terminal, in contrast, has seats for just 10.

It’s busy offshore, too. The Canadian Coast Guard icebreaker *Amundsen* is anchored alongside a 20-metre motor yacht and a 10-metre sailboat. As we swoop overhead, the *Amundsen*’s helicopter pilot tells me that the sailboat is from Australia. Its owners have come to sail the Northwest Passage. Later this summer, we might have to rescue them.

The *Amundsen* has rescued tourists before. Last summer a Yugoslavian-built ice-strengthened cruise ship, the *Clipper Adventurer*, struck an underwater ledge in Coronation Gulf, 1500 kilometres southwest of here. Fortunately, the seas were calm and the Coast Guard was just two days sailing time away. Had the weather been worse – and it usually is in the Arctic – hundreds

of lives might have been lost.

Just last week, two Inuit hunters died near the hamlet of Arctic Bay after their six-metre boat overturned in five-metre waves.

For this reason, our arrival on the *Amundsen*’s flight deck is followed by an hour-long safety course. At one point, we have to strap ourselves into one of the enclosed lifeboats. I’m seated beside Julie Payette, the Canadian astronaut, who smiles at my visible nervousness in that tightly confined space. “Don’t worry,” she smiles, “help will arrive within a week.”

Although lifesaving takes priority, the *Amundsen*’s principal mission is science. In a unique partnership with ArcticNet, a federally funded consortium of researchers from 29 Canadian universities, the Coast Guard vessel provides a mobile platform for the collection of data and samples. As we sail towards Lancaster

Sound, we’re constantly measuring the environment, mapping the bottom with sonar, slowing down to trawl for plankton and fish larvae, and stopping periodically to collect water and seabed sediments. We even have a small, remote-controlled submarine on board, which is deployed through a “moon pool” on the underside of the ship.

Tomorrow, we’ll be looking for sea-ice, and particularly “multi-year ice.” This is ice that forms on the surface of the ocean during the winter months and survives the following summer’s melt to become much thicker and harder. It is this ice that provides the best habitat for seals, narwhales, belugas and polar bears. It is this ice that keeps foreign vessels from entering the Northwest Passage and challenging Canada’s sovereignty claim. And it is this ice that is disappearing at a phenomenal

rate, as rising air and water temperatures melt it from above and beneath.

The VIPs on board – Payette, former French Prime Minister Michel Rocard, British High Commissioner Andrew Pockock – are hoping to see a polar bear. These “charismatic carnivores” stand more than three meters high and weigh up to 600 kilograms. Seemingly invincible, the bears are threatened with extinction by the rapidly melting of the ice. As their scientific name *ursus maritimus* indicates, polar bears are a sea-going species that has evolved specifically to hunt ringed seals on ice. The bears can survive on land for months at a time, but they need to catch seals to build up the vast fat stores that enable them to nurse their young. The ringed seals also need ice, as do the Arctic cod on which the seals feed, and the plankton the cod eat.

Every visitor to the Arctic becomes acutely

aware of two things: the raw, awesome beauty of this place; and the fact that climate change is advancing much more quickly than many people in the “South” would believe.

What responsibility do we, the human species, have to the Arctic? Is the planet ours to exploit, to alter irreversibly?

It’s “bar night” on the *Amundsen*, but I’m feeling too meditative to join in the singing. I retire to the top deck and watch the midnight sun play across the water, snow and ice. Then, I hear it – the ice-cube cracking in my drink. Chipped off an iceberg earlier today, the ancient ice is releasing molecules of atmosphere into my drink. Molecules that might have been locked inside a glacier since before modern man (*homo sapiens*) appeared on Earth. ❶

UBC ALUMNI TRAVEL PROGRAM

in *Canada's Northwest passage*

WESTWARD VOYAGE (RESOLUTE TO KUGLUKTUK): AUGUST 15-29

EASTWARD VOYAGE (KUGLUKTUK TO IQALUIT): AUGUST 27-SEPTEMBER 10



Compiled from the daily Ocean Notes provided to travellers, and personal observations from UBC trip host Karen Kanigan. Photos: Karen Kanigan and fellow passengers.



This summer, 41 UBC alumni and friends participated in expeditions to the Canadian Arctic and the legendary Northwest Passage. Presentations, conversations and learning accompanied their exploration of the great outdoors aboard the Russian-flagged Akademik Ioffe, designed and built in Finland as a scientific research vessel in 1989. Her bridge was open to passengers virtually 24 hours a day. Experts on board presented on topics including climate change, wildlife, Inuit culture and history, and early European explorers. UBC professor Michael Byers (see page 28) presented on the issue of Arctic sovereignty, a growing cause of debate as ice melts, new shipping routes open, and natural resources become accessible. Recommended pre-trip reading was late UBC alumnus Pierre Berton's book, *The Arctic Grail*. Here are some highlights from both legs of the voyage.



COMMUNITIES MEET We were the first tourists to spend time in the hamlet of Igloolik all summer, and it seemed as if everyone living there came out to meet us at the landing, including dozens of kids who had a blast hanging out in the Zodiacs and sharing stories with us. We compared different forms of wet skins, theirs being the natural variety and ours being bright

red high-tech expedition gear. We were greeted with bannock and tea, shook hands with the elders and enjoyed dancing, singing and watching artisans work on their carving and screen-printing. We explored on foot and by van, and some hitched rides on the all-terrain vehicles used to get around by most people living there.



EXPLORING HISTORICAL SITES Abandoned Hudson's Bay posts, and the Cold War radar stations that formed a DEW line (Distance Early Warning), are remnants of our not-too-distant past. Our guides also pointed out what they believed to be ancient Inuit sites – uninhabited, but still used as hunting camps – with their telltale inukshuks, caribou bones, and sources of



fresh water and berries. A highlight of the western leg was tracing Franklin's last voyage, gazing out across the sea and land towards the final resting place of his crew. From the gravesites on Beechey Island to the cairn marking their last known location, each historical site brought an increasing appreciation of the despair faced by these unfortunate explorers.

WILDLIFE WATCH Muskoxen: Once threatened by overhunting, muskoxen have rebounded in recent decades and are again expanding into former ranges. Populations have increased dramatically on Banks and Victoria islands, hence the numbers of muskoxen hides seen in Cambridge Bay. The small herd we saw in Johansen Bay is typical of summer. One dominant bull is controlling the herd's movements and following the females, checking their reproductive status. The calves and yearlings spend much time at play, "rehearsing" the aggressive behaviour of adult bulls by head-butting and chasing each other around the herd.

Bowhead Whales: Shortly after breakfast one day, the Ioffe found itself in the midst of a pod of elusive Bowhead whales, and the count was on. Even veteran polar naturalist Tony Soper could not believe his eyes as it went into double digits. The final number was 71.

... and bears, oh my: As if three polar bears and three gyrfalcons at Beechey Island one morning were not enough, we also experienced a spectacular seabird feeding-frenzy the same afternoon. Thousands of northern fulmars and hundreds of black-legged kittiwakes and glaucous gulls were feeding voraciously on sea butterflies (a pelagic mollusk whose foot is transformed into wings) and Arctic cod. The frenzies were particularly animated each time the cod pushed the sea butterflies to the surface, where the hungry birds waited for both fish and mollusks. Harp seals also joined the fray and a hungry bear waited for a seal to swim close to the beach. From mollusks to bear, the entire arctic food chain was on display.

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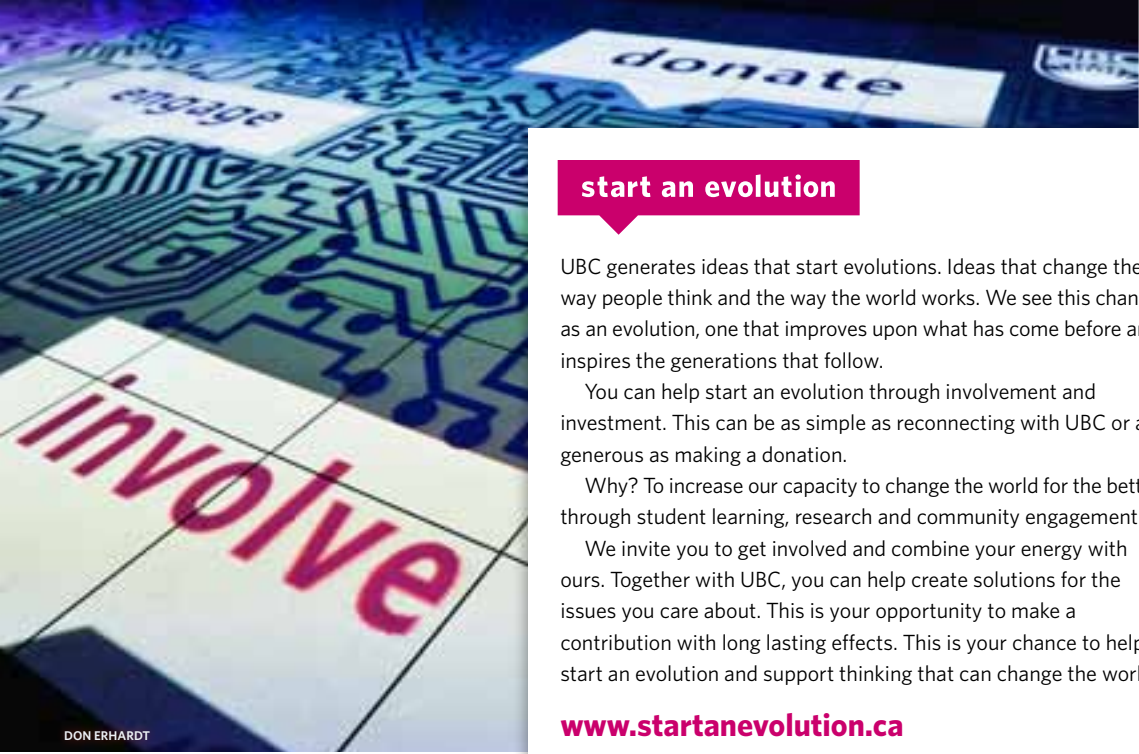
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OBSERVING CLIMATE CHANGE The ice is very nearly gone. Spending time in a place of such breathtaking natural beauty and wildlife, and realizing this trip may not have been navigable until recent years, made for many moments of silence and contemplation. We rarely saw an iceberg -- the captain and expedition leader would review ice charts regularly in an effort to either track some down, or avoid dangerous encounters. In the end, we were fortunate to have one full day of "ice time," reaching it by Zodiac or kayak. ❶

What's Next: Onward to Newfoundland, Labrador and Baffin Island (July 2012); and Antarctica (February 2013). Contact Karen Kanigan (karen.kanigan@ubc.ca / 604.822.9629 / toll free: 800.883.3088) or our travel partners, Worldwide Quest (www.worldwidequest.com) with questions or for more information.

Check out our new UBC Alumni travel blog at travel.alumni.ubc.ca



start an evolution

UBC generates ideas that start evolutions. Ideas that change the way people think and the way the world works. We see this change as an evolution, one that improves upon what has come before and inspires the generations that follow.

You can help start an evolution through involvement and investment. This can be as simple as reconnecting with UBC or as generous as making a donation.

Why? To increase our capacity to change the world for the better, through student learning, research and community engagement.

We invite you to get involved and combine your energy with ours. Together with UBC, you can help create solutions for the issues you care about. This is your opportunity to make a contribution with long lasting effects. This is your chance to help start an evolution and support thinking that can change the world.

www.startanevolution.ca

Photos: In September, the *start an evolution* campaign was launched at a series of events held in Vancouver and Kelowna.



DON ERHARDT



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DARREN HANDSCHUH



VARUN SARAN



VARUN SARAN



HENRY YE



KELLAN HIGGINS



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Chronicle

THE UNIVERSITY OF BRITISH COLUMBIA ALUMNI NEWS | FALL/WINTER 2011

start an evolution



UBC PRESIDENT STEPHEN TOOPE AT ONE OF UBC'S START AN EVOLUTION LAUNCH EVENTS (PHOTO: DON ERHARDT)

This issue in Alumni News:

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We're here, we're there, we're everywhere!

No matter where you are in the world, chances are there are other UBC alumni living nearby. With more than 50 alumni branches, we make it easy to stay connected whether you're living in Calgary or Kuala Lumpur. Below are some of the locations that hosted UBC alumni events in the last three months.



- Joined grads from other Canadian universities for the ICAN Invitational Curling Bonspiel near Ottawa
- Attended the All-Canada University Association annual dinner in Washington, DC
- Discussed diversity at UBC (Vancouver)
- Learned about building strong foundations for personal finances (Toronto)
- Attended the fifth annual Great Trekker Luncheon in Toronto
- Watched some Canucks playoff games in Austin
- Enjoyed Dim Sum in Orlando
- Joined Sauder Business Club of Greater China for a breakfast series with senior business executives in Beijing
- Attended a discussion with Melissa Fung, author of *Under an Afghan Sky* (Vancouver)
- Enjoyed a rare sunny day for Alumni Weekend
- Met new students at UBC Bound! send-off events held across Asia and North America (Thailand, Taiwan, Singapore, Shanghai, Malaysia, Japan, Hong Kong, Manila, Seoul, New Delhi, Beijing, San Francisco, Calgary, Toronto)
- Educated our palates with wine, beer and whiskey in Gastown (Vancouver)
- Joined Sydney-based UBC alumni and exchange students for a late-autumn mixer
- Went on a guided tour of the BMW Museum in Munich
- Connected with Nicholas A. Christakis, one of *Time Magazine's* 100 Most Influential People in the World (Vancouver)
- Attended an evening reception featuring WestJet CEO, Greg Saretsky (Calgary)
- Joined the Hong Kong chapter of Sauder Business Club of China to find out what makes an entrepreneur
- Looked into the current state of cultural diversity (Montreal)
- Picked sides in Toronto as the TFC played the Vancouver Whitecaps
- Threw parties for Canada Day all around the world (London, UK; Austin; Bay Area)
- Participated in the UBC Amazing Race around Vancouver
- Enjoyed a Jamie Travis Retrospective at the Vancouver Queer Film Festival.
- Had a summertime potluck picnic in Regent's Park, London
- Enjoyed wine, hors d'oeuvres and some business at the 94th Annual UBC Alumni Association AGM
- Devoured some dim sum with other alumni living in Toronto
- Attended a BBQ at the Consul General's Official Residence in Seattle
- Discussed social sustainability in the Okanagan
- Watched the UBC T-Birds take on the Manitoba Bisons at Homecoming
- UBC launched "the most ambitious fundraising and alumni engagement campaign in Canadian university history." (www.startanevolution.ca)
- Attended a performance of Sally Clark's *The Trial of Judith K.* at the Frederic Wood Theatre
- Got lost in a corn maze near Boston
- Discussed the value of art in San Francisco
- Attended a wine-tasting and architecture tour around the Niagara region
- Attended an evening reception in Paris
- Discussed alternative medicine in Richmond
- Explored the city that tourism forgot in Borneo
- Cruised the historical sites of the Black Sea, a bridge between two continents (Istanbul/Romania/Bulgaria/Ukraine)
- Got an insider's perspective on Rome
- Explored the remote and unique "islands of the people," Haida Gwaii
- Took a voyage of discovery into the cradle of Western civilization: Greece/Turkey
- Explored the mysteries of the Mekong River (Cambodia/Vietnam)
- Watched the San Francisco Giants take on the Colorado Rockies

OKANAGAN EVENT HIGHLIGHTS

To register or find out more, please visit the website www.ubc.ca/okanagan/alumnirelations/events or contact Erica Triggs (erica.triggs@ubc.ca / 250.807.9360)

Guess Who's Coming to Dinner?

SATURDAY DECEMBER 3, 6:30-9:30PM

Guess Who's Coming to Dinner? offers an exceptional opportunity to break bread with people you might not otherwise have the chance to talk with one-on-one.

Community and campus leaders will host dinner parties of eight in their homes. Tickets are \$100 and include a fabulous meal, wine and engaging conversation. This is a great way to support the students of the Okanagan campus (proceeds go to the Okanagan Alumni Endowment Fund).

UBC Community Curling Funspiel

SATURDAY JANUARY 21

Register as an individual or with a team for a day of all-Canadian winter fun. Show your UBC spirit and make this another successful fundraiser for student leadership awards. The cost (\$45 for adults, \$25 for current students) includes an optional curling lesson, all equipment, plus breakfast, lunch and prizes for everyone. Space is limited.



This year, a record 167 Aboriginal students graduated from a wide range of UBC Vancouver faculties and programs, including law, medicine, education, arts, and science. Are you an Aboriginal alumnus interested in getting involved? Contact fnhlalumni@exchange.ubc.ca to find out more, or visit www.aboriginal.ubc.ca/alumni.



Hansen meets Alumni Reps in Beijing

In May, Rick Hansen visited Beijing during the 25th Anniversary of his Man in Motion World Tour and UBC alumni reps based in the city were able to meet him.

"It doesn't get more Canadian than this," says Richard Liu, BA'93, "he even twirled a towel on the Great Wall! Go Canucks Go!"

VOLUNTEERING HIGHLIGHTS

To find out about more volunteering opportunities, or to apply, please visit the website: www.alumni.ubc.ca/volunteer

- The Crane Library offers audio versions of printed academic materials for people with visual impairment. Access & Diversity UBC is seeking volunteer narrators.
- The UBC Botanical Garden has initiated a volunteer program for people who wish to make occasional contributions of time to the Garden.
- The School of Kinesiology is looking for mentors. The school's mentorship program matches senior Students (3rd or 4th year) with KIN alumni mentors

UBC dialogues

UBC Alumni Affairs is coming to your community to engage in a dialogue and knowledge exchange about the issues that matter most to you.

Join us in your community and hear how UBC's interdisciplinary research and teaching are addressing some of these complex societal issues.

The following UBC Dialogues will take place in the new year:

Body image: Is fat all in our heads?

JANUARY 24 · North Shore, Kay Meek Centre

Fountain of youth: How do we live longer, and better?

FEBRUARY 7 · Surrey Arts Centre

Sustainability: Are you seeing red in the push to "go green"?

MARCH 1 · Coquitlam, Evergreen Cultural Centre

For more information, or to find out about more UBC Dialogues, visit www.alumni.ubc.ca/dialogues.

Long Time, No UBC... what have you been up to lately?

Let your old classmates know what you've been up to since leaving campus. Send your news and photographic evidence to trek.magazine@ubc.ca or UBC Alumni Association, 6251 Cecil Green Park Road, Vancouver, BC V6T 1Z1. (Mail original photos or email high resolution scans – preferably 300 dpi.) Please note that *Trek Magazine* is also published online.

1940s

On June 14, 2011, the University of Victoria conferred an honorary doctor of science on **Mary-Lou Florian**, BA'48. An internationally recognized pioneer of conservation science in Canada, Mary-Lou Florian was the first biologist hired by the Canadian Conservation Institute before she joined the staff of the Royal BC Museum in 1978. Through an extended and distinguished career at the Museum, she focused her expertise on artifact conservation – especially First Nations' totems, basketry and wooden cultural objects recovered from waterlogged archaeological sites. She has consulted widely on fungal damage in art collections, is regularly called upon to identify archaeological wood and plant materials, and in 1989 served as the conservationist on the Jason Project, the Mediterranean expedition led by Robert Ballard (who would later lead the discovery of the Titanic's final resting place). Ms Florian has given numerous mycology and museum-related lectures and courses in North America and Europe and is a past recipient of the Governor General's 125 Commemorative Medal for her contribution to community heritage preservation.

1960s

John Hemmingsen, BAsc'63 (Metallurgy), is back living on Quadra Island after many years in the steel industry. Go to www.2000daysinChina.ca and read about John's experiences living in China. There is also a video of a young Chinese singer, who was assisted by John and his wife, Cherie, with schooling, university and voice lessons. John recently gave a talk to students and faculty of UBC's material science department regarding China and his engineering experiences. His family says: "Don't get John going talking about China."

Former member of parliament (1997-2004) and special advisor to the Prime Minister (2004-06), **Sophia Leung**, CM, BSW'64, MSW'66, continued her public service for four years as an elected member of the board of the Canadian Association for Former Parliamentarians (CAFP). In June 2011, CAFPP presented her with a service award for her contributions to the organization. She is still active in international business, serving on the board of Canada GLG Life Tech Corporation, which specializes in producing high-grade stevia extract, a natural zero-calorie sweetener, in China. In 2010 she

became CEO of Key Venture Capital, leading it to be listed on the TSX-Venture exchange in July 2011. She also serves on the board of advisors for the UBC Faculty of Dentistry, which assists with development and fundraising.

Robert Anderson, BA'65 (Hons), is continuing his work as a professor in the School of Communication at Simon Fraser University, and during 2011 is a visiting scholar at the University of Cambridge (as a member of Clare Hall and Corpus Christi College). He recently established the Development & Sustainability Program in the new Faculty of Environment at SFU, and has been building a network of young environmentalists in Myanmar. His recent publication is *Nucleus and Nation: scientists, international networks, and power in India* (University of Chicago Press, 2010). This work began at UBC in the 1960s, and the book acknowledges all the good support he got from his undergraduate teachers there. He lives in Vancouver with his wife, Kathy Mezei, daughter Robin and son Luc.

1970s

In 1968 **James Anderson**, MA'71, left teaching in Calgary to enroll in UBC's School of Community and Regional Planning. Helped by a Parks Canada scholarship, James shifted from a traditional career path in urban studies to instead specialize in natural resource planning and, particularly, outdoor recreation. Upon graduation, James spent a decade with parks branch at an exciting time when there was both funding for park development and support for new parks. He started as a park system planner, which meant that he and his colleagues served as paid public service tourists, exploring the natural wonders of Beautiful BC. They traveled by foot, boat, horse, canoe and float plane, identifying prospective new parks along the way. Then he served for five years as senior manager responsible for land administration, acquisition and natural resource management policy in parks. From there, he moved on to a 17-year career in both agriculture and commercial fisheries, and aquaculture. As 2011 marks the centennial of the establishment of the first provincial park in BC, Strathcona Park, James recently completed a major undertaking to document the history of our provincial park



Gary Poole

system. The resulting book, *BC's Magnificent Parks* published by Harbour Publishing, is meant to remind British Columbians that their province leads Canada and indeed most of the world in preserving the special places of their province. Since retiring, Jim and his wife, Diane, have been world travelers, visiting the natural and cultural treasures of Egypt, Tanzania, Peru, Argentina, Ecuador, Cambodia and Vietnam.

In June 2011, **Gary Poole**, BA'72, presented a very well-received lecture at the University of Saskatchewan on the occasion of receiving the Christopher Knapper Lifetime Achievement Award from the national Society for Teaching and Learning in Higher Education (STLHE). Gary is one of the most well-known and respected figures in the inter-related fields of educational development and the

scholarship of teaching and learning. In the 39 years since graduating from UBC with a double-major BA, this man – described variously as teacher, leader, coach, visionary, mentor, role model, scholar, superhero, friend, rock star, athlete and decent human being – has been engaged in many ventures, all aimed at helping to improve the student experience. He was the first director of Simon Fraser University's campus-wide teaching support centre, a post he held for 12 years; he also contributed 10 years to STLHE (including four years as president). Gary returned to UBC in 2000 to serve for 10 years as director of the then-named Centre for Teaching and Academic Growth, and shortly thereafter, became the founding director of the Institute for the Scholarship of Teaching and Learning. Gary is currently



JAMES ANDERSON, MA'71, PRODUCED BC'S
MAGNIFICENT PARKS

president of the International Society for the Scholarship of Teaching and Learning. He taught large undergraduate psychology classes at SFU and is now an associate professor in the School of Population and Public Health in the UBC Faculty of Medicine.

At the end of May 2011, **Roy Christensen**, BA'75 (Hons), retired from the Delegation of the European Union to Canada – the EU's diplomatic mission in Ottawa. Roy worked for the EU for nearly 35 years, the last 20 as a press officer. He is co-founder of the Ottawa Diplomatic Association and the Canadian Committee for World Press Freedom. In his retirement he plans to research and write as well as stay active in various community organizations. He and his wife, Vita, will stay in Ottawa but plan to visit Europe and BC often.

On May 25, 2011, Dalhousie University awarded **Larry Beasley**, MA'76, with a doctor of laws, honoris causa, at the convocation ceremony for the faculties of Architecture and Planning, Computer Science and Graduate Studies.

Suzanne M. Taylor, BEd'77, was named the winner of the 2011 Rosemary Brown Award for Women, which honours and

recognizes a BC woman or BC-based organization that promotes the values and ideals that Rosemary Brown championed during her lifetime. Suzanne is being recognized for her extraordinary contributions in the area of International Development and for her admirable work with the Canadian Red Cross. As a primary health care specialist and community development expert, Suzanne has provided hope and empowerment to people by providing training, mentorship, and sustainable solutions during disaster recovery, and influencing systemic development to regions in crisis around the world.

After a long and rewarding career at the University of Calgary Library, **Ada-Marie Atkins Nechka**, MLS'78, retired from her position as associate university librarian for collections and technical services on June 30, 2010. While attending UBC from 1976 to 1978, Ada-Marie was employed by the Alumni Association as the editor of the Spotlight (now Class Acts) section of *The Chronicle*. At the University of Calgary, Ada-Marie served in many positions including English literature, linguistics and philosophy subject specialist; head of Reserve Services; assistant head of Access Services; and as acting associate director of Information Resources. In recognition of her many contributions to the University of Calgary during her 32-year career there, Ada-Marie was granted status as Librarian Emeritus, effective July 2011.

Hugh (Hughie) MacKinnon, BEd'78, MEd'84, has been a secondary school teacher for 32 years and a secondary school administrator for 27 years in Golden, Terrace, Courtenay and Comox. He is currently administrator in charge



Maureen Phillips, BA'84, camel trekking in Morocco

of alternate programs in SD#71 (Comox Valley). He has coached many high school teams and two of his four sons ended up captaining CIS Men's basketball teams. He was also elected as a town councillor in Comox in January and is donating the councillor's monthly salary to the children's trust fund of the deceased councillor he replaced, becoming the only politician working for free in Canada. His wife, **Kathie**, BEd'78, taught elementary school and operated her own daycare business. She also sings in choirs and has volunteered significantly in her communities.

John S. Clark, BCom'79, president of Pacific Spirit Investment Management Inc., was named a 2011 Five Star Wealth Manager based on an independent survey of one in four high-net-worth households in Greater Vancouver. Wealth managers were evaluated based on nine criteria, including customer service, integrity, knowledge/expertise, value for fee charged, quality of recommendations, and overall client satisfaction. Peers were also surveyed to evaluate

John's integrity, knowledge/experience, and overall reputation. He was among only five per cent of wealth managers who were awarded this high honour. The recognition was announced in a special section of the June issues of *Business in Vancouver* and *Vancouver Magazine*.

Sheila Purves (née Currie) BSR'79, is to be awarded an honorary doctorate by the Hong Kong Institute of Education in recognition of her 25 years of work in China introducing modern physiotherapy and occupational therapy to the Chinese medical system. The ceremony will take place on December 2, 2011. Sheila is currently project director for the Hong Kong Society for Rehabilitation, a WHO Collaborating Centre for Rehabilitation. This involves directing training and disability-awareness programs for rehabilitation personnel in China, as well as responsibility for curriculum development, planning, recruiting and managing personnel, budget, fundraising, project proposals and reporting. The work also includes

extensive teaching and consultation, as well as establishing and maintaining partnerships with Chinese organizations and individuals involved in the health, civil affairs, education and disability sectors. More than 20,000 Chinese doctors, therapists and community rehabilitation personnel have participated in these training programs over the years. Sheila was included in the Queen's Honours List in 2000 (MBE for services to child welfare in China), and has been recognized by the People's Republic of China in 1996 (award for contributions to Chinese rehabilitation medicine education), UBC in 1990 (selected as one of 75 outstanding alumni of UBC's first 75 years), and by the Hong Kong Institute of Occupational Therapy in 2005 (award for promoting the development of rehabilitation medicine in mainland China).

1980s

Derek Desrosiers, BSc'82 (Pharm), has been recognized for his lifelong commitment and contribution to pharmacy in Canada with the 2011 Canadian Foundation for Pharmacy (CFP) Pillar of Pharmacy Award. He has become one of Canada's foremost authorities in the economic and professional practice issues of pharmacy. He spent 13 years working in community pharmacy as both a manager and owner, and in 2004 became the CEO of uniPHARM Wholesale Drugs Ltd. During his career, he served six separate terms as President of the BCPhA board of directors, and has been either a staff or board member of BCPhA for more than 20 years. Derek is only the third Pillar of Pharmacy award recipient to hail from BC. He was formally recognized at a gala dinner this fall.

Maureen Phillips, BA'84, left her comfortable life in Vancouver in September, 2010, and headed to the University of East Anglia in Norwich, UK, to study for a master's in life writing. Her

dissertation is a biography of Canadian artist Nancy Patterson, who moved to the UK in 1959 after graduating from the Vancouver School of Art, now the Emily Carr University of Art and Design. As part of her research, Maureen visited Ms Patterson at her guesthouse in Morocco on the edge of the Sahara Desert near M'Hamid, where the artist now spends her winters away from England.

In April 2011, **Mark E. Neithercut**, PhD'84, was selected to serve on the professional development committee of the Council on Foundations. Mark was nominated for the position by his colleagues because of his leadership in the field and his work as a trustee of the Anna Paulina Foundation, a private family foundation in Flint, Michigan, which supports arts and youth development.



Jacob Wolak

Jennifer Mactavish, BPE'85, has been appointed dean of Ryerson University's Yeates School of Graduate Studies. The appointment is a five-year term that began on September 1, 2011. The internationally-recognized researcher in the field of disability, leisure and sport will also become a tenured professor in the School of Disability Studies.

Amend Sharma, BSc '88, is involved with Harmony House CARES (Centre for Autism Research and Education Society), a non-profit organization that provides alternative and augmentative educational choices for parents of children with Autism Spectrum Disorder (ASD). For more information on how you can provide support or get involved, please visit www.harmonyhousebc.ca.

1990s

Arthur John Wolak, BA'90, Dip(Art Hist)'94, MA, MBA, PhD, and his wife, Anna Lizelle Wolak, MD, are pleased to share the news of the birth of their son, Jacob Edward Wolak, who arrived on Sunday, July 24, 2011, at BC Women's Hospital in Vancouver. Arthur, Anna and Jacob reside in Vancouver where Anna is a family physician and Arthur is a business consultant and writer.

Cornelia Hahn Oberlander, LLD'91, has been awarded this year's Sir Geoffrey Jellicoe Award, the International Federation of Landscape Architects' premier award. As a female pioneer in the field of landscape architecture, Ms Oberlander has been producing designs for a greener future for six decades. Working initially with low-income communities, her attention has broadened to include playgrounds and parks, and latterly more global perspectives. She has shown a deep commitment to environmental sustainability not only through her designs and the quality of her work, but also through sharing her knowledge and ideas by writing books, preparing exhibitions and presenting lectures.

Christina Pao, BA'93 (*International Relations*), and Elan Cohen are delighted to announce the birth of



Cornelia Oberlander

their fifth child, Asher Samuel Bers Cohen, on December 30, 2010. Christina is northeast Asia sales manager for Alfred Publishing. Elan is a managing director at UBS in private banking, covering India. They've been living in Singapore for the past 12 years.

Commitment to Caring: Chilliwack Hospital Auxiliary's 100 Years, 1911-2011 by **Andrea Lister**, BA'94, was published by the Chilliwack Hospital Auxiliary. The book tells the story of determined women, in a time before they were considered persons under the law, who fundraised, sewed, canned, and knitted to establish Chilliwack's first hospital. All proceeds from the sale of this book go towards the purchase of equipment for the Chilliwack General Hospital.

Megan Gilgan, BA'96 (*Hons, Poli Sci*), and her husband, Patrick Fruchet, are proud to announce the birth of their second son, Lucien Dawson Fruchet, on May 3, 2011, at the Aga Khan University Hospital in Nairobi, Kenya. Big brother, Jacques, now three, assists his parents in welcoming Lucien in to the world. Megan continues to hold a position with UNICEF as chief of field operations for Kenya.



Russell Ward



Jenny Ooi



Wendy Kei



Dr. Jodie Rummer

2000s

Since leaving UBC, **Parnesh Sharma**, MA'96, worked for the Immigration and Refugee Board for several years before resigning and returning to school to do a second master's degree at Cambridge followed by a PhD at Oxford (2010). His new book, *The Human Rights Act and the Assault on Liberty: Rights and Asylum in the UK*, which is a revised version of his dissertation, was recently published by Nottingham University Press in the UK. Find it on www.amazon.co.uk.

Gloria Tsang, RD, BSc'97, just released her latest book, *Go UnDiet: 50 Small Actions for Lasting Weight Loss*, which aims to help women lose weight for good without following a rigid diet plan or counting calories. Encouraging small, achievable steps, *Go UnDiet* calls out highly-processed foods (HPFs) as the real culprit for obesity. Gloria is the founder of nutrition network HealthCastle.com, which was the finalist for the 2010 Canadian Online Publishing Awards.

Lisa Skakun, LLB'01, received an Association of Women in Finance Rising Star PEAK Award. Lisa has been Coast Capital Savings Credit Union's general counsel and corporate secretary since early 2010.

Debbie Roque, BA'02, started the next chapter of her life as she and her fiancé exchanged vows on August 20, 2011, and went on a once-in-a-lifetime honeymoon journey to Africa. They met at Best Buy Canada, where she worked in the marketing department and he worked in e-commerce.

Hugo Passarello Luna, BA'05, was awarded the Wall Street Journal's Daniel Pearl Prize for his article "In a Buenos Aires slum, dreaming of Paris". His article tells the story of a teenage soccer team in a slum of Buenos Aires, getting ready and dreaming to participate in the homeless World Cup in Paris.

Upon graduation, **Russell Ward**, MA'05, left Vancouver to take up employment with the Canadian Federal Department of Public Safety in Ottawa, where he spent two years working with police, intelligence and customs on issues relating to mass transit security and policing policy. In 2006, he

moved with his wife and two dogs to Sydney, Australia (his wife's home city), where he has been working for the New South Wales State Government for the past five years in areas such as law enforcement and human services policy and programs. He writes about his expat experiences on his blog at www.insearchofalifelessordinary.com and regularly for the UK's *Telegraph* newspaper. He and his wife were recently featured on an episode of the US television show *House Hunters International*, which recreated their move from Canada to Australia and filmed their search for a new home on Sydney's Northern Beaches.

Jenny Ooi, BA'05, MA'08, is now a mortgage consultant with Mortgage Alliance.

Late this summer, **Beth Snow**, PhD'06 – who is a sometimes UBC sessional instructor – as well as **Tamaki Kano**, BSc'00, MSc'06, and students Josie Chow and Elysia Allen were among the participants of the Longest Game of Hockey for Cystic Fibrosis (longestgame4cf.com). The game, which set the world

record for the longest game of hockey, was put together to try to raise money and awareness about Cystic Fibrosis. It involved 40 women playing hockey at Burnaby 8 Rinks for 243 hours and five minutes, and raised over \$125,000.

Wendy Kei, BCom'07 (Hon), MSc (Bus)'11, was awarded the Joseph Armand Bombardier Canada Graduate Scholarship from the Social Sciences and Humanities Research Council of Canada (SSHRC) during her master's program. This scholarship supported her master's research – exploring the linkages between Open Skies agreements and international trade development. The SSHRC scholarship was one of the highlights of her master's program because only top-ranked applications selected from the university-wide competition are forwarded to SSHRC (a federal government agency) for a nationwide competition. Wendy started her PhD studies at UBC in September 2011. She is happy that UBC has offered her an attractive awards package for her PhD program.

2010s

A new work by writer/director **Adrienne Paulson**, BMus'09, breaks the traditional roles of both theatre and art song. *Clara/Clara*, which ran from August 18-20, 2011, at the new VSO School of Music, is the dramatization of Clara Schumann's (née Wieck) struggles throughout her courtship and marriage with Robert Schumann. Montreal soprano Emily Forsyth plays Clara Weick, while Vancouver mezzo-soprano Debi Wong, BMus'08, performed as Mrs. Schumann. Damien Jinks, BMus'09, is the collaborating pianist. Staff included set designer **Amanda Larder**, BFA'11, assistant director **Hersie Init**, BFA'11, and lightning designer **Alia Stephen**, BFA'11.

Zul Kanji, BSc'03, MSc'10 (*Dental Science*), has been appointed clinical assistant professor and year 1 & 2 coordinator of the dental hygiene degree program at the UBC Faculty of Dentistry. His wife just gave birth to their first child. Their daughter, Niyah Kanji, was born on May 21, 2011, at BC Women's Hospital.

Dr. Jodie Rummer, PhD'10, has been appointed as a Super Science Fellow in the Australian Research Council Centre of Excellence for Coral Reef Studies, part of James Cook University in Townsville, Queensland. Dr. Rummer will be investigating the physiological effects of the stressors associated with global warming on coral reef fish, in order to predict their capacity for acclimation and adaptation.

Kendall Titchener, BA'10, graduated with a degree in modern European studies. She is an active member of the UBC Alumni Association and is the reporter and historian for the Alpha Delta Pi Alumni Association of Vancouver. Since graduating from UBC, Kendall has been heavily involved in the communications and social media fields. She was the social media coordinator for CRAVE Vancouver, an editorial intern at *Vancouver Magazine*, and helped launch a brand new magazine in the city. Through her social media strategies and editorial work, she has established herself as a Vancouver social media maven. Kendall is always around the city attending and writing about

fascinating events. She now runs her own Vancouver events guide called *The Cit Vancouver*. Through her writing and media work, Kendall connects the citizens of Vancouver to community events. Having only graduated just over a year ago, Kendall has already established herself as the go-to girl for Vancouver events.

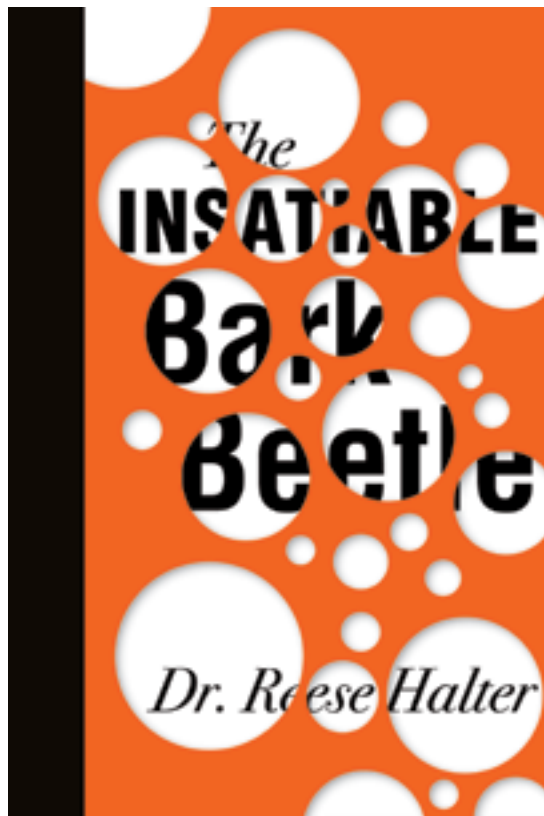
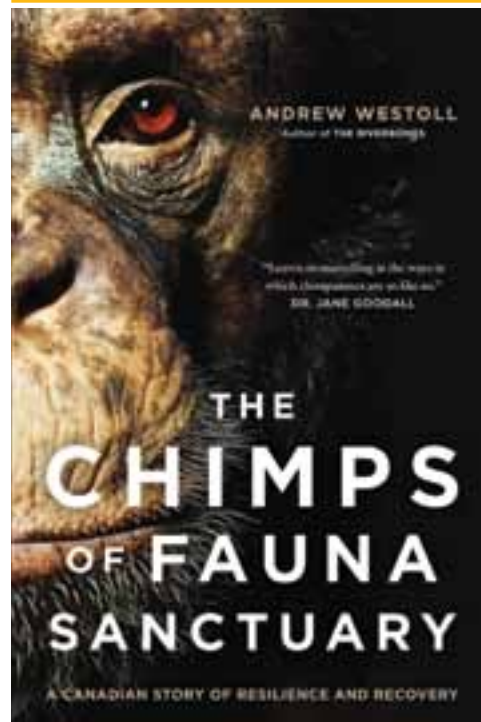
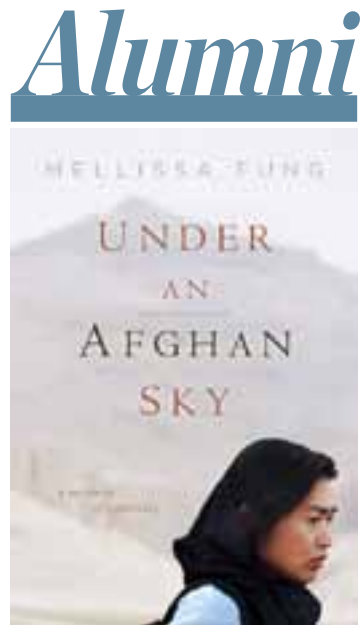
Brian Fong, BHK'10, and his sister, **Gloria Fong**, BMLSc'08, have founded a new business venture, 72HRS, (www.72hours.ca) selling emergency preparedness supplies online and at the Richmond Summer Night Market. ●

Prof seeks former students

Associate Professor Emeritus **Garfield (Gary) Pennington** sends his best wishes to all his former associates at UBC, from his woodland home in Roberts Creek, BC. Gary taught in the Faculty of Education at UBC for just over thirty years. That's a 20 year life sentence plus 10 for bad behaviour, he jokes, admitting he enjoyed his time at the university immensely. In addition to his work in education, he also taught in the Arts One program, the School of Physical Education and coordinated a community education program. Along with students from education and landscape

architecture, he built the Scarfe Children's Garden adjacent to the Faculty of Education. He misses the interaction with the thousands of students that he had the privilege of teaching and learning with over the years and would like to hear from former students who recall their days together, both on campus and out in the community doing what is now called Community Service Learning. He hopes that UBC alumni and faculty whom he had the pleasure of working with will accept his sincere invitation to share memories. He can be contacted by email at gazpen@gmail.com.

Books



The Chimps of Fauna Sanctuary: A True Story of Resilience and Recovery

HARPER COLLINS, \$29.99

Andrew Westoll, MFA'04

Some issues are so polarizing and morally-conflicting that they're nearly impossible to discuss without argument. When emotions, politics and personal values collide, hastily-reached and immutable judgments usually result. Animal experimentation is one such issue, but *The Chimps of Fauna Sanctuary* isn't strictly about animal experimentation. It's about what happens next; when the animals are no longer needed.

In *Chimps*, Andrew Westoll details the months he spent living at Fauna, a rural animal sanctuary outside Montreal. He avoids taking sides and instead simply tells the diverse but invariably heartbreaking life stories of 13 chimps that have known horrors most people could never imagine. To him, the animals take on an increasingly human quality as their feelings, fears and neuroses come into plain view. Westoll's conclusions may be clear, but he wisely lets readers make up their own minds about the morality of the issue.

Although Westoll was prepared for his sanctuary experience (the founder told him Fauna was "like a mental institution, a maximum security prison, a Zen sanctuary, an old folks' home, a daycare centre and a New York deli during lunchtime rush") at times it seems too much for him to take. But he continues to see glimmers of hope in the chimps' eyes and applauds the sanctuary staff for giving them the opportunity to live out the rest of their lives with dignity and peace. Ultimately, these chimps were the lucky ones whose stories could be told.

The Chimps of Fauna Sanctuary is a gripping and emotionally-charged read and should make a lot of national top ten lists at the end of the year. Westoll's previous book, *The Riverbones*, was reviewed in issue 24 of *Trek*, in 2009.

Reviewed by Michael Awmack, BA'01, MET'09

Under an Afghan Sky

HARPER COLLINS, \$32.99

Mellissa Fung, BA'94

CBC journalist Mellissa Fung was kidnapped in Kabul, Afghanistan, in the fall of 2008. *Under an Afghan Sky* is a breathtaking and deeply personal memoir of her capture and confinement, and her release a gruelling 28 days later.

The book is testament to Fung's passion for storytelling and her enduring spirit. It tells of the kidnappers' experiences as well as her own, reminding the reader of this veteran journalist's ability to captivate and hold an audience with compassionate stories about people living in difficult circumstances.

We learn about her time confined in a dark hole in the ground, the hundreds of cigarettes smoked, the tens of boxes of cookies consumed, and the number of hail Marys said and sung. She tells of leveraging the odd pleasantry from her three kidnappers to engage them in conversations about religion, relationships and their hopes and dreams. Although her motive was trying to understand what was happening to her, it was clear that she was developing a relationship with her captors.

Fung opens her life to readers on every page. We learn of her tepid relationship with Catholicism, the relationships she had formed with Afghans during her work, and the constant concern for her family and loved ones. Fung's moving memoirs provide a humbling perspective and are a reminder of the uncertainty that exists in Afghanistan for visitors and residents alike. A beautiful read, Fung's story shares innocence, curiosity, resilience and compassion.

Reviewed by Darran Fernandez, MEd'10

Flowers for the Girl

Trelane Press, \$5.95 (Kindle & Apple editions 99¢)

Shane Kennedy, BA'91

Novella about peacekeepers in the midst of an active conflict.

In the Eye of the China Storm: A Life Between East & West

McGill-Queens University Press, \$39.95

Paul T.K. Lin with Eileen Chen Lin

Memoir from a leading figure in the development of Chinese-Canadian ties in the field of international relations (who has a long-standing relationship with UBC as a faculty member and senator).

The Fundamental Things Apply: A Memoir

MCGILL-QUEEN'S UNIVERSITY PRESS, \$39.95

Roy MacLaren, BA'55

Roy MacLaren – student of literature and history, sailor, diplomat, businessman, writer, politician, and cabinet minister – has led a good life, and an interesting one, sometimes as a witness, often as an actor. In *The Fundamental Things Apply*, MacLaren recounts the details of his varied life and career with wit and charm.

During the parliamentary years, from his first election in 1979 to his appointment to London in 1996, MacLaren draws on his diary to offer impressions – at times devastating, at others sympathetic – of those he encountered in his several ministerial capacities and global travels. Earlier, life in Saigon and Hanoi following the French Indo-China war, the oppressions of the Stalinist regime in Czechoslovakia, the erection of the Berlin Wall, multilateral diplomacy at the United Nations in Geneva and New York during the Cold War are recounted with both insight and humility. Of his business career, MacLaren offers, for example, an insider's perspective on the collapse of Massey-Ferguson and the successes of his business magazine company.

A political memoir set in an autobiography, *The Fundamental Things Apply* ranges widely over Canadian economic and international affairs, including NAFTA and deficit elimination, during the latter decades of the twentieth century, offering a timely and personal account of how the public policies – both domestic and international – pursued then were formative in creating the country we live in today.

The Sasquatch at Home: Traditional Protocols & Modern Storytelling

University of Alberta Press/Canadian Literature Centre, \$10.95

Eden Robinson, MFA'95

Award-winning storyteller's 2010 Henry Kreisel Memorial Lecture in print.

Palestinian Ethnonationalism in Israel

University of Pennsylvania Press, \$59.95

Oded Haklai, MA'99

Well-researched look at the rise of Palestinian Arab political activism in Israel.

The Insatiable Bark Beetle

ROCKY MOUNTAIN BOOKS, \$14.95

Dr. Reese Halter, BScF'91

Academics and eminent scientists worldwide are endorsing and supporting, with insightful critiques on a truly broad scale, a tightly written treatise on rapacious bark beetles. Collectively, these amazingly adaptable insects have marched into mountainsides of lodgepole pine, expanding enterprisingly now into other pine species, spruce even.

Author Dr. Reese Halter is well known and respected as an academic and biologist. His first chapters explaining the correlation of beetles to climate change to the essential carbon sink effect of this planet's forests are, indeed, scholarly. Statistics and percentages stare out from the pages of *The Insatiable Bark Beetle's* second chapter, "Global Warming, A Climate Disrupter." These pages take dedication to read, digest, absorb.

When, though, the reader slides into the forests themselves, Halter shape-shifts into the true craft of wordsmithing. Lodgepole pine forests can be sniffed, felt, mourned for their demise, and are followed by descriptions of hardier but still vulnerable spruce.

Halter draws us, still with immense articulate detail, into piñon, whitebark and limber pines and their elegant, tortuously interconnected ecosystems. His final elaboration on these ancient mountaineers and one very obviously close to his heart – the tough and resilient bristlecone pines – is perhaps one of his finest pieces of writing.

Reviewed by Pam Asheton

Afflictions & Departures

Anvil Press, \$20

Madeline Sonik, MA'02, PhD'06

Collection of personal essays about the writer's life through the 50s, 60s and 70s.

Paths to a Green World: The Political Economy of the Global Environment

The MIT Press, \$27

Peter Dauvergne, PhD'95, and Jennifer Clapp

Modern global environmental politics from a political economy viewpoint. ●

News from the Big Block Club



ABOVE: 2011 UBC SPORTS HALL OF FAME INDUCTEE LEO GROENEWEGEN AND FORMER THUNDERBIRDS FOOTBALL COACH FRANK SMITH JOINED 27 OTHER MEMBERS OF UBC'S 1986 VANIER CUP WINNING TEAM AT A 25-YEAR REUNION AT THE HOME OPENER ON SEPTEMBER 17. (PHOTO: BOB FRID) LEFT: UBC VOLLEYBALL CAPTAIN AND BLG AWARDS FINALIST SHANICE MARCELLE ACKNOWLEDGES AN ADMIRING CROWD WITH TSN'S LISA BOWES. (PHOTO: RICHARD LAM)

Athletes of the Year

A centrepiece of Canadian Interuniversity Sport, the BLG Awards for the CIS Athletes of the Year were held in Vancouver for the first time this year. The prestigious two-day affair in May began with a luncheon for athletes, guests and media at the Fairmont Waterfront Hotel, followed by a basketball game between the eight awards finalists and founders of the awards. The following night, the finalists were honoured in front of more than 1,000 guests at The Centre in Vancouver for Performing Arts. Veteran sport broadcasters Vic Rauter and Lisa Bowes hosted the 19th annual proceedings, which subsequently aired on the TSN network. The Canada West finalist for the Jim Thompson Trophy (CIS Female Athlete of the Year) was Thunderbird volleyball team captain Shanice Marcelle, the 2011 CIS Player of the Year who guided the Thunderbirds to a fourth consecutive national championship last spring.

south of the Doug Mitchell Thunderbird Sports Centre, the new facility will be home to both the men's and women's teams. It has shower and locker rooms for home and visiting teams, a new natural turf field, and a spectator seating area. Pending a potential partnership with the BC Rugby Union, the addition of training and sport medicine facilities may follow. Anyone interested in seeking further information about the new facility and future plans are encouraged to contact Steve Tuckwood, associate director of Development for UBC Athletics, at 604.822.1972 or steve.tuckwood@ubc.ca.


Former Thunderbird Rugby team member and UBC grad Tyler Hotson saw plenty of action playing for Canada at the 2011 Rugby World Cup in New Zealand. "I always look back on how I got to where I am, and the UBC rugby program had such an immense influence on me and helped me progress to where I am today," said Tyler, following Canada's win over Tonga in the World Cup opener in Auckland. Tyler's UBC coach, Spence McTavish, also made the journey south to take in the action and meet officials from the universities of Wellington and Auckland. He hopes to create student exchange programs for UBC rugby players.

Rugby

Construction recently began on the Gerald McGavin UBC Rugby Centre, thanks to an \$800,000 gift from the former UBC rugby standout and national team member. Located

Rowing

In 1994, at the funeral of renowned UBC rowing coach Frank Read, a group of UBC alumni discussed the idea of constructing a boathouse that would be a permanent home for UBC rowing crews. Thanks to the dedicated efforts of George Hungerford, Roy McIntosh, the late John Lecky and a number of other UBC alumni, the John M. S. Lecky UBC Boathouse was officially opened in September 2006. A lot of good things have taken place as a result of the facility since that time. In addition to forging valuable partnerships with Rowing Canada and St. George's High School, a community rowing program was formed shortly after the facility opened and has since introduced the sport to many young athletes, one of whom entered UBC this fall. Nick Djordjevic has become the first UBC rower to have found his path through the community program and others are sure to follow. With a modern facility, an abundance of boats, and a pair of seasoned head coaches in Mike Pearce and Craig Pond, UBC has increasingly become a destination for aspiring university and national team rowers. The recent addition of alumnus and 2008 Olympic gold medalist Ben Rutledge, who will specialize in



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For more information about the event, email UBC Alumni Affairs at alumni.association@ubc.ca or call 800.883.3088.

If you spend part of the year in Palm Desert, please update your seasonal address with us (visit www.alumni.ubc.ca/update) to make sure that you're on the list when email invitations go out for this exciting week of events.



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... Big Block continued:

recruiting UBC students and coaching novice crews, will serve to widen the field of participants. Back in the late 1990s Rutledge was a first-year student who decided to try his hand at rowing, as did another freshman named Kyle Hamilton. Within a few years, both UBC rowers were named to Canada's Eight and struck precious metal on numerous occasions in international competition, including their crowning performance in Beijing in 2008.

Vanier Cup

This month the Vanier Cup, Holy Grail of Canadian Interuniversity Sport (CIS) football, will be awarded to the 2011 national champions at BC Place Stadium, marking the first time the competition has been played in Vancouver. The cup made a surprise appearance at the football home opener at Thunderbird Stadium in September, where 29 members of the 1986 Thunderbirds football team – who helped clinch an unforgettable last-second Vanier Cup victory over Western Ontario nearly 25 years ago – were in attendance as honoured guests of UBC Athletics.

CFL Ironman Leo Groenewegen, a recent inductee into the UBC Sports Hall of Fame, and iconic former head coach Frank Smith were also watching the game, as was UBC president Stephen Toope. Their loyalty was rewarded when the T-Birds defeated the Alberta Golden Bears 40-30, registering their first home win since 2008. Coached by former quarterback Shawn Olson, UBC went on to defeat the Manitoba Bisons 29-23 the following weekend in the annual Homecoming Game, erasing any doubt that the program is well on its way back to the top of the national rankings.

As part of the Vanier Cup celebrations, UBC football alumnus extraordinaire Dan Smith and other active members of the recently formed Thunderbirds Football Association (TFA) have invited members of UBC's past national championship football teams (1959, 1982, 1986 and 1997) to a reunion at the BC Sports Hall of Fame in the newly renovated BC Place stadium.

Editor's Note: On November 11, as we go to press, the Thunderbirds are preparing to play in the Canada West Championship against the University of Calgary. This is first time the team has competed for the Hardy Cup since 1999. We wish them luck on their quest for the National Championship.

WORLD UNIVERSITY - GAMES -



UBC Basketball captain Nathan Yu

The 26th World University Games wrapped up at the end of August in Shenzhen, China, with Canada's men's basketball team just missing its first gold medal finish in 28 years after losing 68-55 to Serbia in the championship final. Coached by UBC head coach Kevin Hanson and consisting entirely of CIS athletes, including UBC captain Nathan Yu, the Canadian team stunned the heavily favoured defending champions from Serbia in the second game of pool play by handing them their first loss in the last two World University Games. In what was clearly the highlight of the tournament, Hanson's scrappy team advanced to the gold medal final with a convincing 83-68 win over Lithuania in front of a crowd of 10,000. "It's been an unbelievable journey," said Hanson in the aftermath of the final. "These players have been just tremendous. With only four days to work

together before this tournament started, I don't think a lot of people back home thought we would make it this far."

Yu posted a 14-point performance in the final and made a solid contribution for Canada throughout the tournament. Although disappointed with the eventual outcome, he was clearly moved by the experience to play in front of enormous crowds in a city less than an hour from his father's birthplace. "I'm proud to have been given this opportunity and I think our performance here speaks volumes about CIS basketball," said the 23-year-old Arts student.

UBC swimmer Tera Van Beilen was another of the 17 current and former UBC Thunderbirds taking part in the games. Guided by newly appointed UBC head coach Steve Price, Tara captured silver medals in 50- and 100-metre breaststroke. ●

For complete UBC Thunderbirds news, scores and upcoming event information, visit www.gothunderbirds.ca

in ~ MEMORIAM ~

Lorne Forster Swannell, BA'30, BAsc'31 (Forest Engineering, Hons)

Lorne died peacefully in Victoria on May 18, 2011, in his 103rd year. He was predeceased by his wife, Grace, in 2004. Lorne, with the help of devoted caregivers, continued to live in his own home, exercising daily and attending the symphony, opera, ballet and charity events until his death.

Lorne was born September 2, 1908, to Frank and Ada Mary Swannell. Frank was a BC land surveyor who for many years recorded BC history in photographs.

Following Lorne's early schooling in Victoria, he left for UBC in 1927. Living in a boarding house just outside the university gates gave Lorne and his house-mates ample opportunity for cross-country runs, ingraining in Lorne a lifelong passion for exercise. His classes developed in him a quest for knowledge in the arts, history, music, and science that continued to grow throughout his life.

After receiving his degrees, he began 41 years of service in the BC forest industry, rising from a survey crew rodman to chief forester of BC in 1963. After retiring in 1972, Lorne travelled as a consultant, taught at Camosun College and later became a student at the University of Victoria and Open University. Over the years, he received many honours and awards. On his 100th birthday in 2008, the province of BC created a bursary in his name at the University of Northern BC in recognition of his service to forestry.



Lorne Swannell

Lorne joined the Armed Services in 1939, arrived in England 1940, and then served in France, Belgium, Holland and Germany until he was discharged at the end of the war with the rank of major (battery commander of the 2nd Survey Regiment, Royal Canadian Army). Returning to Canada, Lorne rejoined the BC Forest Service as assistant district forester at Prince George and was promoted to district forester in May 1947. In September 1949, Grace Wisenden became Lorne's bride and lifelong companion. Strong believers in education in Canada and internationally, both Lorne and Grace will be well remembered for their generous donations to scholarships, charities and educational institutions over the years. Lorne believed money was "no good" unless it was being used to benefit society. Living this statement until his death was a testament to a life well lived with generosity.

Ruby Emma Evelyn Morris (née Williams), BA'34

Ruby was born December 30, 1913, in Vancouver and passed away on July 1, 2010, at the age of 96 in White Rock, BC.

Ruby grew up in Vancouver, the youngest of four siblings, with brothers Les and Ivor and sister Iris. Having skipped several grades, Ruby began attending UBC at the age of 15. She graduated from Normal School as a teacher in 1934 at the age of 21. Ruby was not only an excellent student but also fun-loving, dramatic and charismatic. While attending UBC, she enjoyed participating in the Drama Club.

In 1938, she married her "true love," Wilfred Morris, in Vancouver, BC. Wilfred was also a graduate of UBC, in civil engineering. They met at a downtown mission church service where Wilfred was playing his trumpet. In her words, she "took one look at him and fell in love!" She would call him "Lover" for the rest of her life, even after he passed away in November 1994.

Ruby and Wilfred went to Peru as missionaries in 1938, immediately after their marriage. They would spend the rest of their working lives in South America. Their four children, Marilyn, Gail, David and Jeannie, were born in Peru, and lived there in the town of Chosica until 1957. Ruby's professional skills were put to great use teaching her own children by correspondence as well as her missionary teaching and pastoring work. In 1957, Ruby and Wilfred brought Gail and Marilyn "home" to Vancouver to attend university at UBC. Upon their return to South America in 1960, they relocated to Caracas in Venezuela with the two youngest children – David, who was then 15 years old, and Jeannie, who was only six.

Everyone loved Ruby for her warmth, charisma and her great love of people. It was often said that she simply did not possess a temper. She was the perfect complement to the sometimes gruff Wilfred. Ruby was also particularly known for her beautiful mezzo-soprano voice and love of singing.

Ruby suffered from Alzheimer's in her later years but continued to enjoy visits from her



Ruby Morris

children, grandchildren and great-grandchildren; continued to love singing; and continued to pray. Ruby is survived by her four children and their spouses, 10 grandchildren and 17 great-grandchildren as well as many, many dear friends and extended family members.

Laurence Frederick Gray, BAsc'38

Laurence Frederick Gray, 95, passed away peacefully on the morning of May 3, 2011, at his daughter's home in Alfred, NY, where he had lived for the past two years. He was born in Victoria, BC, on December 15, 1915, to Andrew and Mae Gray. Laurie gained his US citizenship in 1951. On March 26, 1944, he married Ray Thackray Gray from Winnipeg, who shared his life until her death in 2007. He is survived by his son, Robert Gray, of Silver Spring, MD, his daughter, Andrea Gill, and her husband, John Gill, of Alfred, NY, and his four grandchildren, Flora Gill, Katie Gill, Linden Gray and Laurel Gray. His daughter, Kathy, of Beltsville, MD, predeceased him in 2009.

Laurie was a pioneer in satellite communications. He received an electrical engineering degree in 1938 from UBC and a master's degree from George Washington University in 1977. He joined the Canadian Marconi Company in 1938 and worked on transmitter development. He joined the Canadian Navy from 1943 to 1945. In 1945, he and Ray immigrated to the US. He started working on the development of FM transmitters at Federal Telephone and Radio, which later became part of ITT. He then started



Laurence Gray

work on television transmitters. When satellites became available, ITT was awarded a contract for an earth station, which Laurie designed, for a low-orbit satellite. In 1964, he joined the Communications Satellite Corporation and was the chief engineer of the COMSAT Lab for the development of earth station equipment until he retired in 1980.

Laurie was a member of Bradley Hills Presbyterian Church in Bethesda, MD, the Canadian Club and Saint Andrew's Society in Washington, DC, and was docent at the Museum of American History at the Smithsonian Institute ham radio display. As a summer resident of Eastham, MA, he was very involved the French Cable Station Museum in Orleans, MA.

Roy Harold Elfstrom, BA'38, BAsc'38, MASc'39

Born in Vancouver on August 27, 1914, Roy was a man who from the time he was a youngster wanted to do something that would help his fellow man. Though he wasn't able to enroll in medicine, he ended up taking nine years of study at UBC, surfing between arts and engineering before getting degrees in both and a master's degree in metallurgical engineering. He loved this experience and, as he remarked years later, it paid off in both his career and life; specifically he developed an uncanny ability to blend the simple, yet elegant, solution to any kind of technical challenge.

His first job in the often dangerous business of mining, in the Cariboo Quartz gold mine in Wells, BC, introduced him to his future wife,



Roy Elfstrom

Vera Macdonald, a nurse at the local hospital. Soon after marrying Vera in 1941, he joined the federal government where an unusual opportunity arose to take a crash course in industrial hygiene at the Harvard University School of Public Health.

Roy was a founding member and a president of the Vancouver Industrial Safety Council; president of the Greater Vancouver Health League that fostered vaccination and inoculation; and the first president of the Poison Control Council. For years, he unfailingly supported Vera in a passion of her own: the Canadian Diabetic Association.

In 1969, after almost a quarter century working with BC Hydro, Roy was recruited by the federal Department of Labour to help introduce Part IV of the Canada Labour Code, enacted to promote the occupational safety and health of persons employed in federal industries, Crown Corporations, and the federal public service.

During this same tenure, Roy was instrumental in setting up the Canadian Centre for Health and Safety in Hamilton, ON. Roy also conducted a Commission of Inquiry into the Glace Bay coal mine disaster under the authority of the federal Enquiries Act, which led to the controversial closure of the mine.

In the years following his retirement, Roy and Vera became avid cruise ship aficionados, frequently dashing off to the far corners of the world. A love of painting in oils and watercolours was a trademark of Roy right up until he passed away peacefully in Tsawwassen on April 9, 2011, just shy of his 97th year. He is survived by his three sons, Gary, Kerry and Peter Elfstrom.



Sidney Flavelle

Sidney Flavelle, BA'46

Sidney was born on December 12, 1924, and passed away on May 9, 2011. She grew up in Vancouver and had her early education at Prince of Wales High School before going on to gain her bachelor's degree, majoring in chemistry.

She found time to become active in UBC affairs having been elected as secretary of the Alma Mater Society in her final year. Social life was not neglected – she joined the Gamma Phi Beta sorority and gained many lifelong friends from her activities on campus as well as from her earlier school years.

Her degree gave her the requirement needed to become a technician at the Atomic Energy Establishment at Chalk River, ON, in 1947.

Sidney met her future husband, William H. Hardwick, an English scientist seconded to the Chalk River Establishment. They married in 1949 before moving on to England in 1950, where Bill carried on his work at The Atomic Energy Establishment, Harwell.

While the three children were growing, Sidney's interest in chemistry took another turn; she had become interested in pottery. This led to teaching pottery in the local high school, while developing her own unique style. Her granddaughter, Anna, summed up her grandmother's work during the service in the lovely 12th century church in nearby Blewbury:

“When I was a lot younger, I remember my whole class from primary school trudging across the fields to learn about pottery. As she showed us

round I remember feeling rather smug that it was my gran we were visiting. After all there were not many grans who were worth a school trip!”

And as her son, Gordon, put it:
“On the afternoon of May 8 she was welcoming visitors to her pottery at Cedarwood as part of Arts Week. Her Alzheimer's was developing, but there she was, talking lucidly and enthusiastically to complete strangers about different aspects of glazing pots, and selling them.”

On the evening of May 8, Sidney had her two children, daughter-in-law and her youngest two grandchildren for supper. Upon their leaving, she went to bed, from which she did not awake.

Hers was a long and happy life, marred by the death of her daughter, Katie, at age nine in 1966, and her husband, Bill, in 1988. She leaves son Gordon, daughter Sarah and seven grandchildren.

Man passes and pottery remains
It remains to evoke, to bear witness,
To recall those who are no longer here,
At times to reveal some jealously
Guarded secrets, that man's face,
His gaze, his voice were tenaciously hiding.

*Alberto Savinio, of Andres di Chirico,
Tutta la vita, 1945*

Dr. Kenneth Sherriffs Morton, BA'46, MSc'53

His family is extremely saddened to announce that Ken died suddenly on Saturday, August 13, 2011, at age 86.

Ken lived in Burnaby and frequently commuted to UBC by inter-urban, streetcar and bus. He



Dr. Kenneth Morton

was a member of Beta Theta Pi fraternity, which he represented in athletic and musical activities. He received his MDCM from McGill University in 1950. Upon returning to the west coast, he interned at Vancouver General Hospital and did his residency in orthopaedic surgery. One year of his training was spent in Dr. Sydney Friedman's Anatomy department, leading to his MSc. He received his FRCS(C) in 1955. For 40 years, in addition to his private practice, he taught orthopaedics in the UBC Faculty of Medicine. For 11 years he was the head of the Division of Orthopaedic Surgery and after retirement, he became a member of the professors emeriti. For the past 18 years, he enjoyed living in Gibsons on the Sunshine Coast.

He was a wonderful husband and father. Though his work life was very demanding, he protected time to spend on family activities, especially in cottages on Howe Sound islands. His wide range of interests was contagious, enriching family and friends. Ken had a strong involvement with art and artists. Other interests were music and all aspects of nature. He was also a prolific reader and writer on numerous topics. As well as innumerable medical articles, he wrote biographies, journals and poetry for personal satisfaction and family information. Ken was always modest, never accepting the limelight. It has been, therefore, extremely gratifying for the family to hear from so many people what a wonderful and amazing man he was. He deeply touched many people, even some who knew him only briefly.

Roy William Archibald, BAsc'47

Roy died on December 30, 2010, in Medicine Hat, AB, in his 87th year. He grew up in Point Grey, Vancouver, and represented the ninth generation of Archibalds born in Canada. Roy was a member of the first Air Cadet Squadron in Canada. He attended UBC in the engineering faculty before enlisting in the Royal Canadian Air Force, serving as a pilot, flight instructor and navigator until the end of the Second World War in 1945. He returned to UBC and graduated from chemical engineering in 1947. He worked in the fertilizer industry with Cominco in Calgary, Trail, and Kimberly before leaving to start a new fertilizer operation in Medicine Hat in 1956 called Northwest Nitro Chemicals, where he became vice president and plant manager. Roy

was a dedicated Rotarian, and was twice honored as a Paul Harris Fellow. He was a life member of the professional association APEGGA. Roy was an avid swimmer and boater, traveller and retained a keen interest in flying, maintaining his pilot's license until the age of 80. Roy is survived by his wife of 56 years, Peggy, his son, Donald, daughter Leslie and their families.

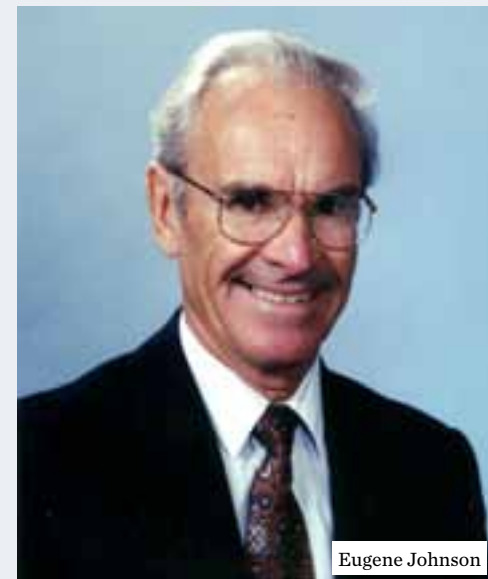
John V. Zacharias, BSc (Agr)'48

John was born on a prairie farm in Herbert, SK, on March 8, 1923, and passed away peacefully in Victoria, BC, on April 25, 2011. In 1934, John ventured west with his family to start a new family farm in Chilliwack. He was a veteran, a graduate of UBC Agriculture, and enjoyed a career as an agriculturist in Smithers, Prince George, Abbotsford, Courtenay and Victoria. John is survived by his loving wife of 63 years, Alex (nee MacKay), children Mary (Paul), Robert (Lisa), Alan (Jacquie), and Tom (Corinne), and grandchildren Jeff, Kari, Katherine, Alison, Graeme, Colin and Alexa. One of 10 children, John is also survived by siblings Anne, Helen, and Raymond.

Eugene Manuel Johnson, BASc'49

Eugene Manuel Johnson passed away at his home on the Sunshine Coast on February 16, 2011, after a courageous and dignified six-month battle with pancreatic cancer.

Gene was born on October 25, 1925, in Revelstoke, BC, where he lived until he enlisted in the army in 1942. In September 1945 he



Eugene Johnson

enrolled at UBC and graduated in 1949 as president of his graduating class. Happy summers during those years were spent as a fishing guide at Painter's Lodge in Campbell River. He enjoyed a successful 30-year career in management at Canadian General Electric until his retirement in 1982.

After the sudden and tragic loss of his wife, Norma, in 1971, Gene found love again and married Christel in 1973. Gene and Christel enjoyed many happy years together sharing their passion for travel, yoga, tennis, gardening and bridge. An avid golfer, he was able to spend countless hours in retirement at the Sunshine Coast Golf Club with his friends and family. He loved to read and in his last few months he enjoyed revisiting his favourite classic novels and poetry. Gene served for many years on the board of St. Mary's Hospital in Sechelt, BC.

Gene is survived by his loving and devoted wife, Christel; his adoring children, David, LLB'78, (Dorothy), Karen, Gordon, BASc'81, (Joanne), Rob, BSc'86, (Wendy); and beloved grandchildren Eric, Colin, Quinn, Cameron and Clara. Predeceased by brother Alan, he leaves behind sister Vivian Osing (Herb), brother-in-law Gerhard Klodner (Alicje), sister-in-law Myrtle Piercy and several nieces and nephews.

Gene had many cherished friends, touched so many lives, and leaves a legacy of love, countless stories and memories that testify to his extraordinary intelligence, integrity, compassion and humour.



A. Andrzej (Andrew) Endelman

A. Andrzej (Andrew) Endelman (Professor Emeritus)

Andrzej, who was born in Warsaw, Poland, on June 6, 1928, passed away on April 27, 2011. After a happy early childhood came World War II and the hell of Nazi occupation. Somehow, though, Andrzej and his parents managed to survive it. In 1946, he left Poland to join his family in London, England. There he learned English and passed his matriculation exams. He was then accepted to the Royal College of Surgeons in Dublin, Ireland, where he finished his medical studies. In 1950, he married Krystyna Górská, his lifelong love and companion.

On graduation from medical school, he began his internship in Dublin before coming to Vancouver to continue his training. Once he finished the internship, he and Krystyna joined his parents in Sydney, Australia. There, Andrzej established a very successful general practice. Seven years later, the couple and their new baby returned to Vancouver. By that time Andrzej decided to specialize in internal medicine, and eventually became a gastroenterologist.

He spent a year of his specialization training at Henry Ford Hospital in Detroit. After their stay in Detroit, Andrzej and his family returned permanently to Vancouver where he opened his practice. He was appointed by the UBC faculty of medicine as clinical instructor, later on as assistant clinical professor and still later as associate clinical professor. In 1986, due to his ill health, he was forced to retire from both the practice and the teaching.

Andrzej leaves behind his wife, Krystyna, and loving daughter, Kathy, as well an extended group of close and devoted friends and honorary family members. By his request there was no service or memorial. Should anyone wish to celebrate his memory and life, gifts sent to Doctors Without Borders (Médecins Sans Frontières) would be gratefully appreciated.

Dolly Kennedy (née Pearl Alberta Sinclair), BA'50, MLS'62

Born on January 23, 1915, Dolly died on April 10, 2011, at Qualicum Manor in Qualicum Beach, BC, after a three-day illness with pneumonia. She was predeceased by her husband, Thomas Alexander Kennedy, and her brother, Robert A. Sinclair. She had two children – David M. Kennedy, MD'62, and Roberta (Robin) Robinson, BA'62. She had four grandchildren and two great-grandchildren.

Dolly was born in Tofield, AB, where her father was a CNR station agent. She attended school in Edmonton. She married in 1935, living in Powell River and Port McNeill in the days of high lead logging and donkey steam engines. In 1945 the family moved to Vancouver, where her husband eventually became manager of the Pacific Coast Pipe and Tank Co. She began taking courses from UBC by correspondence in 1942, and graduated with her BA in 1950 – a long process while raising her children. Immediately on graduation she joined the Vancouver University Women's Club, which featured prominently in the rest of her life. She was active in many interest groups and committees ranging from creative writing to important social advocacy. When she was president of the club it co-hosted with the UBC Continuing Ed Department a conference on The Royal Commission on the Status of Women in Canada, which was a benchmark for the place and rights women have in Canada today. In the 1980s she was western vice president of the Canadian Federation of University Women, and helped establish many new clubs. Latterly, she was a member of the Parksville/Qualicum University Women's Club.

In 1956 she graduated from Vancouver Normal School, and was a member of UBC's first class of library science, graduating in 1962 at the same time as her son graduated in medicine. She worked for a time as a school librarian, and then was very active with the Vancouver Public Library Board. She helped establish the BC Library Trustees Association, travelling widely on their behalf. Education, art, music, books, travel, CFUW and libraries were dear to her heart. Always gracious, she brought inventiveness, enthusiasm and fun to whatever she did – a full and long life indeed.

John Raymond Banks, BCom'51

John passed away peacefully in New Westminster, BC, on October 5, 2010. He is survived by Lois, his beloved wife of 57 years, daughters Susan Dicken (Gary) of Naramata, BC, and Nancy Banks of Ottawa, ON, and granddaughter Emily of Naramata, BC. Lois now resides in Summerland, BC.

John was born on May 18, 1926 and spent an idyllic childhood in Kimberley, BC, with his parents, sister, brothers and treasured friends. He served in the Royal Canadian Air Force and the Canadian Army during the Second World War and was demobilized in September 1945.

He studied commerce at UBC, returning to Kimberley each summer to work in the mine. While at UBC he joined Phi Delta Theta and remained in touch with his fraternity brothers throughout his life.

Upon graduation John began a life-long professional association with the mining industry. He was knowledgeable about every facet of the industry, from the mining of the ore to its ultimate treatment. This work took him all over Canada, including the Northwest Territories, an experience he spoke of with great affection.

John joined the Canadian Institute of Mining and Metallurgy in Winnipeg in 1956 and served it in a variety of capacities, including chairing the Vancouver branch. He was made a life member of the Institute in 1990 and in 1993 was awarded a fellowship for outstanding contribution to the Canadian mining industry, an achievement of which he was immensely proud.

John joined the Variety Club (later Variety) in the mid-1960s and served in a number of roles. In 1965 he was a founding member of the Engineer's Club in Vancouver, serving as an officer. He was a member of the Board of Governors of Douglas College and of the Douglas College Foundation Board.



John Banks

John had immeasurable patience with children and animals. He loved golf, tennis, the outdoors, playing cards and games of all kinds. While in southeastern BC he became an avid skier, and when he moved to

New Westminster he became very active in his church, singing in the choir. He had a beautiful voice and loved to sing.

Once he retired, John and Lois travelled. A cruise through the Panama Canal, another cruise to Alaska and a train trip across Canada to celebrate John's 80th birthday were particular pleasures. Wherever they went, John would make new friends.

John liked people, and people liked John. He is fondly missed.

Kenneth Berry, MD'56

On February 8, 2011, a reading room in the pathology department at Vancouver General Hospital was dedicated in the memory of Dr. Kenneth Berry, who passed away in 2006. At the time of his retirement from the VGH, he was neuropathology section chief. The memorial reading room was proposed by Dr. Berry's long-time colleague and current chief of neuropathology, Dr. Katarina Zis. Donations from friends and colleagues were made to the VGH & UBC Hospital Foundation, which organized this event. Dr. Michael Allard, professor and head of the UBC Department of Pathology and Laboratory Medicine, opened the presentation, which was attended by about 50 of Dr. Berry's friends, family and colleagues. He was followed by Allison Berry, who gave personal recollections and thanks from the family, and finally by the presentation of the current leading text book on neuropathology from the Canadian Association of Neuropathologists.

Ken was born in Calgary, AB, in 1932, and moved with his family to Vancouver at 15 with an eye to studying medicine (unbeknownst to his parents, UBC had no medical school at that time). But by the time he was ready, so was UBC and Ken was a member of the university's third graduating class. His post-graduate studies were completed in Vancouver, Ann Arbor, MI, and Toronto, after which he filled the neurology position requested by Dr. Joe Cluff to complement the new neurological surgery unit at St. Paul's Hospital.

In 1973, he pursued further studies in neuropathology in New York at the Albert Einstein Hospital. After this year of study, he returned to VGH as a neuropathologist, finding the work extremely satisfying. Facing mandatory retirement at 65, he returned to St. Paul's

for another six years of consultative practice, complaining mildly: “now that I’m finally beginning to know something, I’ve got to quit.”

In his retirement, he took up studio arts, completing classes at Emily Carr University of Art + Design and in Italy. Having tried various techniques, his final collection consisted of a series of mono prints, one of which is on permanent display in the pathology department’s memorial reading room at VGH.

Geoffrey Hume Pincott, BA’60, BLS’62

Geoff was born April 27, 1937, in Grand Forks, BC. He spent most of his childhood in Vancouver and attended Kitsilano Secondary before moving to Castlegar and graduating from Stanley Humphries Secondary in 1955. It was here that he first met Barbara Dower, his future wife. After high school, he returned to Vancouver to attend UBC and became reacquainted with Barbara, by then in nursing training at VGH. They married in August 1961.

Upon completing his library sciences degree, Geoff went to work for the Vancouver Public Library, where he stayed for 33 years, most of it at the old main branch on Burrard Street. He worked in cataloguing and was instrumental in the conversion from card system to computerized cataloguing.

Geoff and Barbara were founding members of the De Cosmos Village Housing Cooperative in 1970, the first in Vancouver. Geoff was active in many facets of the operation of the co-op including serving a term as president of the



Geoffrey Pincott

board. He continued his quiet contribution to the ideals of cooperative housing to the end of his life.

Two magnificent BC lakes loomed large in Geoff’s life. His maternal grandparents’ property at Christina Lake was a family hub and gathering place from the 1920s until Nana Ritchie’s death in 1974. Nearly 20 years later, he and Barbara were able to purchase a house at Anderson Lake, near Lillooet, and Geoff again had his “lake” where family could gather and he could spend hours puttering and tinkering.

Geoff died rather suddenly, after a brief illness, on June 23, 2010, at Royal Inland Hospital in Kamloops. He is survived and missed by Barbara, his wife of 49 years; son Kieron, daughter-in-law Zoe, and their daughter, Miranda, of Powell River; son Christopher, BSW ’90, daughter-in-law Karla and their children, Ethan and Erin, of Kamloops; and daughter Kendall of Vancouver.

David Elliott, BCom’69

Sadly we announce that David passed away peacefully at home on July 21, 2011. He was surrounded by his family. He is survived by his loving wife of 44 years, Anne, brother Robin (Eleanor), children Patrick (Lori), Kelly (Justin) and Dan (Kate), and was a proud Papa to grandchildren Beckett, Lachlan and Keefer Elliott, and Katie, Zoe and Noah Brown. David was predeceased by his walking buddy, Angus, in 2006.

Born and raised in Vancouver, David attended Prince of Wales High School and UBC before attaining his Chartered Accountant designation with Thorne Riddell in 1973. He joined BC Sugar in 1976 and enjoyed a very successful 22-year career culminating in his appointment as president and chief operating officer of Rogers Sugar in 1995. In 2006, David was honoured to be made a Fellow of the Chartered Accountants of BC in recognition of his service to the profession and the community over 30 years.

In recent years, David has served as a corporate director of four public mining companies and as a board member with the BC Cancer Foundation and the UBC Alumni Association. David was highly regarded in the corporate world for his integrity and expertise. His many friends will remember him for his spirit of adventure, good humour and wicked

card sense. But family was of prime importance. He cherished the times they had together, especially in recent years with the lively addition to the household of the grandchildren. His beloved wife, Anne, cared greatly for him, as he did her. He will be missed by all.

John R Dickson, BA’71, MEd’95

Born in Calgary to George and Janet Dickson, John grew up in Vancouver’s Dunbar area, where he attended Lord Byng Secondary School. Some of his early activities were Scouts and family vacations up to Bridge Lake in the Cariboo.

He went to UBC and earned a Bachelor of Arts and a diploma in special education. While attending university, John worked at a paper mill on Annacis Island, and summers took him in search of employment far from Vancouver, including work in mines and construction in the Yukon.

In 1972, John moved to Terrace, BC, where he worked on the greenchain for Skeena lumber. This was short-lived as he soon accepted a position as a social worker and did this until he returned to Vancouver in 1975 to finish his bachelor’s. He then settled into teaching in Terrace, first for Thornhill and later Cassie Hall. While in Terrace, his three children, Cathy, Leslie, and Mike, were born. In 1983, John moved to Prince Rupert, BC, for a position with Skeena Broadcasting, before returning to teaching.

John took the motto “lifelong learner” to heart, devoting most of his professional life to education. He embraced his teaching job at Prince Rupert Senior Secondary for the special education department and facilitated many work experience opportunities for Prince Rupert youth with disabilities. His dedication was evident when he took his entire class to the Calgary Olympics in 1988 (financed by John’s school pop machine proceeds). After completing his master’s in education, John became a vice principal, then a principal, first in Port Simpson, then in Prince Rupert, where he met and married Carole.

After retiring, in 2003 John and Carole moved to Comox, BC, a place they both grew to love. His retirement was short-lived as John became a professional volunteer. He gave his time to many local groups, including Elder College, CFYC and Meals on Wheels, and was



John R Dickson

one of the founders of the Comox Dinghy Sailing School. An enthusiastic amateur athlete, John loved to play baseball, tennis and even basketball when he could convince his family to play. He doggedly worked on his golf swing and perfected his turns on many ski hills over the years.

Family was incredibly important to John. He was a wonderful husband, a supportive and engaged father, a caring brother and a true friend. He will be missed tremendously.

Inga Radosevic (Randi Inga Hvam), BSc (Pharm)’90

Inga passed away on the evening of January 20, 2011, at Lions Gate Hospital with her loved ones by her side. During her more than four-year journey dealing with ovarian cancer, Inga constantly demonstrated the courage, strength, and grace with which she lived her whole life. Inga’s unshaken faith gave her absolute peace and understanding, and she had made all the preparations necessary to close this chapter of her life without fear or regret. Just as she did in her 43 years, Inga’s passing has inspired us to believe in the power of love and grace, the importance of family, and the need to live with gratitude and patience.

Inga was a wonderful and loving mother to Kristen and Lauren and best friend to husband Chris, with whom she shared 25 wonderful years. Inga lost her sister, Sonia, and father, Helle, to cancer in recent years, and she deeply missed their presence in her life. The love she shared with her mother, Ellen Hvam, her brother, Norm Hvam, and nephew, Alexander McGuigan, was unwavering, and these relationships meant the world to her. Chris’s family has been a constant source of support and love over the years, and especially at this difficult time. Everyone who met or knew Inga instantly knew how blessed she felt to have such a close and loving family.

Inga was always kind and warm, and very generous with her time; she had a glowing smile that lit up any room she entered. Inga was a calming presence to everyone, yet she had a great sense of social responsibility and justice, supporting many worthy causes without fanfare or the need to be recognized. Inga was a special and amazing woman in all her roles: wife, mother, daughter, sister, aunt, and friend to so many. Her gift to the world lives on through her beautiful daughters, and through everyone who carries her spirit in their hearts. Inga made many great friends in her life who will continue to be a source of strength and comfort to her family.

Inga graduated from the pharmacy program at UBC in 1990 and truly enjoyed and flourished in that field. She was always friendly and helpful to all the patients she assisted over the years and her expertise was appreciated by her colleagues. ●

We depend on friends and relatives for our In Memoriam materials. Please send obituaries of 400 words or less (submissions will be edited for length where necessary) to trek.magazine@ubc.ca or:

*UBC Alumni Association
6251 Cecil Green Park Road
Vancouver, BC V6T 1Z1*

(Mail original photos or email high resolution scans – preferably 300 dpi.) Please note that Trek Magazine is also published online.

FACULTY OF ARTS
UBC KILLAM TEACHING PRIZES

Once again the University is recognizing excellence in teaching through the awarding of prizes to faculty members. Up to six (6) prize winners will be selected in the Faculty of Arts for 2012.

Eligibility: Eligibility is open to faculty who have three or more years of teaching at UBC. The three years include 2011 - 2012.

Criteria: The awards will recognize distinguished teaching at all levels; introductory, advanced, graduate courses, graduate supervision, and any combination of levels.

Nomination Process: Members of faculty, students, or alumni may suggest candidates to the Head of the Department, the Director of the School, or Chair of the Program in which the nominee teaches. These

suggestions should be in writing and signed by one or more students, alumni or faculty, and they should include a very brief statement of the basis for the nomination. You may write a letter of nomination or pick up a form from the Office of the Dean, Faculty of Arts in Buchanan A240.

Deadline: 4:00 p.m. on January 13, 2012. Submit nominations to the Department, School or Program Office in which the nominee teaches. Winners will be announced mid-April, and they will be identified during Spring convocation in May.

For further information about these awards contact either your Department, School or Program office, or Dr. Geraldine Pratt, Associate Dean of Arts at 604.822.6703.



Camille Sullivan studied acting at UBC and returned to town this fall for the Vancouver International Film Festival and the premiere of *Sisters & Brothers*, in which she co-stars alongside actors such as *Glee* star Cory Monteith and Canadian theatre icon Gabrielle Rose. She also made time to visit UBC and talk with current theatre students about her experiences as a working actor.

On TV, Camille was most recently seen as Detective Jo Rosati in season two of ABC/Global's hit series *Rookie Blue* and as an army chaplain on the networks' popular new series *Combat Hospital*. Previously she played the lead role of Detective Amy Lynch on the series *Shattered* for Global Television.

Camille was nominated for a Canadian television Gemini Award for her portrayal of Francine Reardon, the volatile cocaine- and alcohol-addicted ex-wife of a west coast crime boss in the critically acclaimed *Intelligence*. Other television credits include three seasons of *Da Vinci's Inquest*, recurring roles on *Hellcats*, *Reunion* and *Taken*, and multiple others.

Camille's past film projects include Carl Bessai's award-winning dramatic feature film *Normal*. Her performance won her a Leo Award for Best Actress in a Feature Length Film. Other starring roles include those in *Mount Pleasant*, written and directed by Ross Weber; *Mothers and Daughters*, an improvised film directed by Carl Bessai – for which she earned another Leo Award nomination; and the Gary Burns film *A Problem with Fear*. For more information see www.camillesullivan.ca

Who was your childhood hero?

I'm not sure. But I once wrote a letter to Pierre Trudeau when I was five or six. He replied and I was quite smitten, I think.

What was the last thing you read?

Snakes in Suits: When Psychopaths go to Work by Paul Babiak, PhD, and UBC psychology prof Robert D. Hare. It's a fascinating book about psychopaths in the workplace.

If a genie granted you one wish, what would it be?

To be a working actor all my life.

What's the most important lesson you ever learned?

"Wherever you go, go with all your heart." (Confucius)

Describe the place you most like to spend time.

It's probably my apartment. Not sure if that's good or bad.

What's your idea of the perfect day?

Working on something great, with people I respect and love. That's perfect.

What or who makes you laugh out loud?

Cursing. Not aggressive or mean-spirited cursing, but cursing for the fun of it. For some reason I love it!

What would be the title of your biography?

If I could steal this from the novel *Me Talk Pretty One Day* by David Sedaris, I would: "You might can f---k him up sometimes, but, bitch, nobody kills the motherf---ing Rooster." This is because everyone gets beaten down sometimes by life, but I would like to be someone who keeps getting back up with enthusiasm. (And because it's fun to say.)

What item have you owned for the longest time?

A pair of Toronto Transit Commission coveralls. I bought them used when I was 16 and still wear them out much more frequently than I probably should.

What is your latest purchase?

Luggage. I seem to be on the road a lot lately.

If you could invent something, what would it be?

Teleporter

What are you afraid of?

Being a coward

Whom do you most admire (living or dead) and why?

I'm just gonna pick one, but I can't commit to "most." It's L. Gen. Romeo Dallaire. Reading his book, *Shake Hands With The Devil*, I was really moved by his courage and compassion and generosity of spirit. True heroism.

What would you like your epitaph to say?

"she' mad but she' magic. there' no lie in her fire." (from "An Almost Made Up Poem" by Charles Bukowski)

In which era would you most like to have lived, and why?

Right now or the future. I already know how the past turns out.

Name the skill or talent you would most like to have.

I would have loved to be a dancer – really athletic modern dance, like La La Human Steps.

Which three pieces of music would you take to that desert island?

Buena Vista Social Club, Tom Waits' *Beautiful Maladies*, and The Hives' *Black and White Album*

Which famous person (living or dead) do you think (or have you been told) you most resemble?

I have been told Jessica Lange. Lots of others too, but that one is my favourite.

What is your pet peeve?

Excessive decorum. ●

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