UBC people are documenting global access to morphine, cleaning up the aftermath of mining activities, and helping youth to quit smoking.
Regular readers are probably wondering where Chris Petty is. He’s been filling this editorial space with his musings about life and UBC for 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 behind 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 its 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 junior and scholar William “The Old Bill” Tansley; an ancient-yet-novel approach to justice; youthfully faces an elderly relative from childhood. Archivist Erwin Wodarczak was delighted to hear from William H. Turpin, niece, 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 alumni 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

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 or 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, niece, 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 alumni 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.

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Alumna Bea Turpin was able to identify the students in this photograph from UBC’s Van Wilby collection: Helen May 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.

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 provide 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 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 his 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 goggles 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 goggles 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 Swedish 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 Hugie, 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.

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

UBC Reports

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Students have been hired after completion of their research projects.

The assistant professor of engineering research Council of Canada, which supplied the research is supported by OK Builders Supplies ltd. and the natural Sciences and engineering research in Minerals, Metals, and Materials research assistant emma Slater and graduate facilities to conduct some testing of materials.

Shakira Almansu was much a more valuable use for industrial waste than taking up space in a landfill. The assistant professor of engineering and his team at UBC Almansu are finding ways to use the waste from mining activities. One of them involved the deposition directly into Howe Sound.

Time for a name change: Shakira Almansu to become “No-Fish Creek”

Brantia Beach residents are no doubt celebrating the welcome news that pink salmon are returning to their waters. In September, Global News reported that 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.

In what happened to turn this all around? Over December 2001 installation of a concrete plug in the top of Britannia Mountain. This type of plug is designed to plug holes created by the trucks required to haul it.

During construction and demolition projects, large volumes of waste are generated with concrete. One of the main impediments to using this waste is the large volume of waste that needs to be disposed of. The solution to this problem is to use the waste from mining activities. One of them involved the deposition directly into Howe Sound.

Time for a name change: Shakira Almansu to become “No-Fish Creek”
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 declined by about 20 per cent, indicating 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” performance 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.” 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 as 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.”

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 playful physics puzzles. “The students reported a clearer understanding of science when concepts were illustrated using the familiar context of the country’s rapidly evolving technology sector,” says Nashon. "Historically, science education was very difficult because teachers had to choose between traditional teaching and innovative, student-driven projects. But Nashon’s hands-on approach has made the subject more engaging and enjoyable for students. By incorporating real-world applications and problems, Nashon has shown that learning physics can be fun and exciting for students at all levels. This approach not only improves students’ understanding of the subject but also helps to foster critical thinking and problem-solving skills. As a result, students are more likely to become interested in pursuing careers in science and technology fields."
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 behavior patterns and behavior—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. The project is called Smoke Free, and it features “a race to quit” in which participants upload photos of themselves as smokers and then, a few weeks later, as non-smokers.

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

“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 million 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 because it appeals to current and former students and friends of UBC to combine their energy and passion with the university’s vision 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 (startanvolution.ca).

In previous photography projects we’ve done with smokers, we see that people — especially younger smokers — 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 just what they 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 suit the people who need to quit,” says Haines-Saah. "I just want to delete it about when I noticed the email address: macarqond.org", "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 suit the people who need to quit," says Haines-Saah.

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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 is 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 how to help make mathematical modelling a more accessible tool for follow biologists.

MacArthur Fellows receive $515,000 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 major advances in their own fields.”

“Alumnae are the eyes and ears of the university,” says Temple, who is just starting to think about specific ways she will use the stipends. “She learned about her award two weeks before the news went public, by way of an email that she first suspected might be spam. “I just want to delete it about when I noticed the email address: macarqond.org”, she recalls. "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 suit the people who need to quit," says Haines-Saah.

Haines-Saah’s project explores how smokers think, rather than just what they do. The MacArthur Foundation gives people the freedom to be creative, giving them room to experiment with creativity. Many die-hard smokers seem immune to such shock tactics. Perhaps something more subtle and interactive might be more effective at altering behavior patterns and behavior—especially among younger smokers whose age might make them feel impervious to the consequences of smoking.

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“Youth Participants in a Smoking Cessation Program Will Take Photos on the Theme of a Smoke-Free Life

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Engaging Alumni    Jeff Todd, Executive Director, Alumni Association/AVP Alumni

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I am 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 conserve 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. Conversed people have an interest in the university’s affairs and can be educated to understand where their engagement and support can have the most impact on the university’s mission.

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Pictured here is James McGee, a professor of political science at UBC, who in 2012 was named a MacArthur Fellow. McGee is known for his work on the history of scientific research, and specifically the rise of biology in the 19th century. He has been involved in various projects aimed at teaching students about the history of science, and has received several prestigious awards for his work. McGee is a member of the Royal Society of Canada and the American Academy of Arts and Sciences. He is also the author of several books and articles on the history of science, including “The Rise of Biology in the Nineteenth Century.”

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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 peacecooks 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 growth and government revenue. the number of boomer retirements will slow labour force growth, which in turn will slow economic gains the upper hand. Parliamentary Budget Office report said that boomer retirements will slow labour force growth, which in turn will slow economic growth, but stress, 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 taken 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 debt 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 phases 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 workforce in large numbers.”

Boomers will be reluctant to give up the pensions and healthcare to which they feel entitled, predicts Doug Owram, 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. Owram says boomers will “ditch” or realises the retirements they envisoned.

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, Owram says. Boomers are reconsidering the wisdom of early retirement – almost gone are ads for Freedom 55 featuring snazzy, attractive boomers having a swell time. Owram 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, the moon landing, gay rights movement, the civil rights movement, the Vietnam War. The spirit of the times challenged and reinforced the values of the previous generation. The baby 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 Amious Community’s were concerned about society’s issues, followed the rules and wanted everyone to get along. Adams calls them the “evolution of their generation.”

The outlook and behaviour of these tribes are reflected in their retirement pursuits. Adams argues the Amious Boomers remain experience-seekers interested in travel and involvement. Amious Community, 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 will 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 Machiavelli’s series on the web-being of boomers. More free time, no pregnancy worries, not to mention finally

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tional and social contexts. Boomers are the ones who

Boomers as a group have a unique perspective on health care due to their experiences growing up in a different time period. They are more likely to push for, and pay for, treatments and technologies that are convenient services and co-ordinated teams to maximize health. They will look for more effective care.

For many boomers, condoms were phased out when the Pill was phased in. Decades later, latex seems so 1950s. Many women, in particular, see this phase of life as an opportunity for a new career or community involvement. Intention to work at least part-time post-retirement is also a popular goal. Many women, in particular, intend to work at least part-time post-retirement. 

Boomers are the ones who have pushed for health care reform. They are more likely to push for, and pay for, treatments and technologies that are convenient services and co-ordinated teams to maximize health. They will look for more effective care.

Call for Nominations: UBC HONORARY DEGREES

Nominate a worthy individual who has made a substantial contribution to society.

Any member of the public or the University community may submit nominations, which are valid for a period of three years.

Nomination accepted on an on-going basis

Nomination Information: honours.ubc.ca

Click on the UBC Okanagan Senate or UBC Vancouver Senate.
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 apiary. After keeping his own hives as a teen, he passed since van Westendorp became interested in bees. He can still conjure the aroma of wax on warm summer days in Holland when his grade three teacher took him 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, agricultural 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.”

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

The VITAL Bee

“Bees have 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 him 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, agricultural 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 ACCEASE OF CROPS IN NORTH AMERICA THAT DEPEND ON THIS SINGLE POLINATOR HAS INCREASED SIGNIFICANTLY (THINK ABOUT THE FRUIT YOU HAVE 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 IVES. “WHAT WE HAVE ARE TWO OPPOSING TRENDS,” SAYS VAN WESTENDORP, “AN INCREASED DEMAND FOR CROP POLLINATION AND A DECLINE IN MANAGED POLINATORS.” TWO QUESTIONS FOLLOW THAT OBSERVATION: WHAT HAS HAPPENED TO THE BEES AND WHY DO THEY DIE OFF?

The INDUSTRIAL Bee

More than a third of current global agricultural 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 pollinator-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 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-centimeter yellow blossoms on watermelons vines.

“We have a far more mechanized and highly developed agricultural industry than anywhere in the world,” says van Westendorp. “We have cramped up production to such a level that it is a fine-tuned machine.” In British Columbia, where the first hives arrived by ship in 1868, 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 (a cause and concept still contended 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. In 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
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 infects vital 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. Each 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 behaviors that are beneficial with better mites: resistance. Since there is a direct link between these behaviors 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, above all, the ability to use the help of molecular techniques to select 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.

At the farm, we manage a rich diversity of habitats in order to support critical ecosystem services such as polination. This diversity ranges in scale from garden landscapes to individual flowers, encompassing a 50-year-old coastal hemlock forest, 250 varieties of organic crop, and the 30 types of heritage apple pollinated by bees in our student-initiated orchard. For the past two 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. “The girls showed me the way,” says van Westendorp. This season, we established a community partnership with the environmental youth group B.C. Youth in Agriculture. Student researchers 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 success of this project will depend on the bees and their disease resistance before 2013. “The girls may show many more people the way,” says Garr. “The girls showed me the way.”

The girls may show many more people the way. The economic value 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.

“Our often lost line 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 Resources Systems program in the Faculty of Land and Food Systems. Apart 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 motives we have for ecological integration in the farm is that no one species of bee, a survey of the current situation helps us understand the pressing sustainability issues in our food system.

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 at www.lownfarm.ubc.ca.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).
Dr. Nelly Auersperg, PhD ’88
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 earliest 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 Brower, BA ’66, MA ’68, DLit ’94
ALUMNI AWARD OF DISTINCTION

Dr. George Brower 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 post laureate of Canada.

Rahim Moloo, LLB ’05
OUTSTANDING YOUNG ALUMNI 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 concerning multinationals in international disputes. He has represented clients and investments in a variety of matters, and recently joined the University of Central Asia in Kyrgyzstan as general counsel and board secretary.

Jane Hungerford, BEd ’67
BY THE 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.

Nelly Auersperg, PhD ’88
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Dr. George Brower, BA ’66, MA ’68, DLit ’94
Dr. George Brower is a national historian, essayist, short-story writer, novelist, editor and children’s author. He is known for his contributions to Canadian literary history and has been honored as the first post laureate of Canada.

Rahim Moloo, LLB ’05
Rahim Moloo is an international lawyer with a focus on issues concerning multinationals in international disputes. He has represented clients and investments in various matters and recently joined the University of Central Asia in Kyrgyzstan as general counsel and board secretary.

Jane Hungerford, BEd ’67
Jane Hungerford is recognized for her record of volunteer service and community leadership. Her contributions have included support for the BC Cancer Foundation, The Salvation Army, the Pacific Salmon Foundation, and the UBC Rowing program.

Meghan MacDonald, BSc ’05, MD ’11
OUTSTANDING FUTURE ALUMNI 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.

Marie Earl
HONORARY ALUMNI AWARD

From 2001 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.

Dr. Felix Durity, BA ’78, MD ’82, FRSC
OUTSTANDING FACULTY COMMUNITY SERVICE AWARD

Dr. 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 neurological care for the people of British Columbia and beyond.

M. Hosny El-Lakany, PhD ’78
GLOBAL CITIZENSHIP AWARD

Dr. 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.

M. Hosny El-Lakany, PhD ’78

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, Tansey 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 Tansey’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.

Tansey 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.

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

Erwin Wodarczak

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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 Pacific to the university. tansley and Burnett's collection became known as the University Museum, and Tansley served as curator until his retirement in 1941. He was succeeded by Dr. Ian MacTaggart 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.

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 he retired but he continued to explore many areas in 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 mined 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. He turned over the pages richly illuminated and illustrated in the quaint medieval 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, Visitation 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. Grey's elbows — yes, with its pathetic lesson for all. "The rude forefathers of the hunted 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 arched take shape, and the narrow spaces resolve into scriptorum, with the painstaking monks laboriously inscribing these 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.
Redefining Justice

By Hilary Feldman, BSc’86

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 punishment to fit the crime, the report outlines its recommendations to the authors of the riot report.

The Night the City Became a Stadium

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.

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 – if anything,” says Tester. “Some young people could have lived 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 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 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

PHOTO: MARTIN DEE

HUGH MAURICE HENRY BROCK 1902-1990

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

Support thinking that can change the world. To create your lasting legacy through UBC, call 604.822.5373 or visit www.startanevolution.ca/hugh

PHOTO: MARTIN DEE
“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 Yukon 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.

“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 Easoks Point on the western shore of Hudson Bay. Originally a Hudson’s Bay Company post with several religious missions, Arviat grew with the burgeoning Arctic fur 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 Esmiud Lake to new hunting grounds near Henik Lake, but the 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. Stunned in new influences through residential schools, and then television and the internet, younger generations have often drifted away from traditional ways and lost the 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 rift, Tester developed the Nunavimmi Arviat History Project, bringing together Inuit youth and elders to rediscover and document their history and culture. Steeped in new influences through relocation, younger generations have often drifted away from traditional ways and lost the 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 rift, Tester developed the Nunavimmi 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, tester to Durban, South Africa, to participate in the COP17 conference on climate change,
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.

Letter from the Arctic

by MICHAEL BYERS

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 which calve off glaciers as they move towards the sea. One particularly handsome specimen is...
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 there all summer, and it seemed as if everyone living there wanted to spend time in the hamlet of Igloolik. Our guides also pointed out what they believed to be ancient Inuit sites - uninhabited, abandoned villages on Beechey Island to the cairn marking their last known location, each historical site bringing an increased appreciation of the difficulties faced by these unfortunate explorers.

WILDLIFE WATCH

Muskrat: Once threatened by overhunting, muskrat 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 muskrat hides seen in Cambridge Bay. The small herd we saw in Johannesson Bay is typical of summer. One dominant bull is controlling the herd’s movements and following the females, checking their reproductive status. The colts and yearlings spend much time at play, “rehearsing” the aggressive behaviour of adult bulls by head-butting and chasing each other around the herd.

Bowelhead Whales: Shortly after breakfast one day, the Loft 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.

Seeing Bowhead whales in the Beaufort Sea is a rare opportunity. Before March, Bowhead whales are believed to spend most of their time in the Bering Sea. They migrate to the Beaufort Sea in April and May, where they feed on benthic and pelagic mollusks. Bowhead Whales feed on crustaceans, mollusks, and fish. Bowhead Whales are known to feed on species of mollusks. Today we had the opportunity to see Bowhead Whales feeding off the Beaufort Sea.

OBSERVING CLIMATE CHANGE

The ice is very nearly gone. Spending time in a place of such breathtaking natural beauty, and realizing this trip may have not 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 block off sea traffic, or avoid dangerous encounters. In the end, we were fortunate to have one full day of “ice time,” reaching it by Zodiac or kayak.

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

We compared different forms of wet skins, theirs including dozens of kids who had a blast hanging there 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 Zoegas and sharing stories with us. We compared different forms of wet skins, theirs including dozens of kids who had a blast hanging out in the Zoegas and sharing stories with us.
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.
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.

**Connected with Nicholas A. Christakis, one of Time Magazine’s Top Most Influential People in the World (Vancouver)**

- Enjoyed a rare sunny day for Alumni Weekend.
- Met new students at UBC Bound.
- Enjoyed 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 Kerr at the Frederic Wood Theatre.
- Got lost in a corn maze near Boston.
- Enjoyed a Jamie Travis retrospective.
- Devoured some dim sum with other UBC alumni and exchange students for a late-autumn mozer.
- Went on a guided tour of the BMW Museum in Munich.
- Enjoyed wine, hors d’oeuvres and served up as part of the UBC Amazing Race around Vancouver.
- Attended an evening reception in Paris.
- Discussed alternative medicine in Richmond.
- Explored the city that tourism forgot in Banff.
- Crossed 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 Great.
- 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.

**UBC Community Curling Funspiel**

**Saturday, January 22**

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.

**UBC Alumni Event Highlights**

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

**Guest Who’s Coming to Dinner?**

**Saturday, December 22, 7:00-8:30PM**

Guest 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 Launches “The Most Ambitious Campaign in Canadian University History.”**

The Cran 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.

**To find out about more volunteering opportunities, or to apply, please visit the website:**

www.alumni.ubc.ca/volunteer

**To find out about more UBC Dialogues, visit:**

www.ubc.ca/dialogues

**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**

Coppullian, Evergreen Cultural Centre

For more information, or to find out about more UBC Dialogues, visit www.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. As 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’ totem, 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 conservator-in-chief 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 talks and museum-related lectures and courses in North America and Europe and is a past recipient of the Governor General’s 125th Commemorative Medal for her contributions to community heritage preservation.

1960s

John Hemmingsen, BA (Metallytic), is back living on Quadra Island after many years in travel. Go to www.2000daysonchina.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, Cheri, with schoolng, 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 about China.”

Sophia Leung, CM, CMGC, CMH, has 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, CAFP 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 GEG Life Tech Corporation, which specializes in producing high-grade stearic extract, a natural anti-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, BSc (Chem), 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 Nuclear and Nature: scientific, 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 Menzies, daughter Robin and son Luc.

1970s

In 1965, James Anderson, MSc, left teaching in Calgary to enroll in UBC’s School of Community and Regional Planning. Helped by the Parks Canada scholarship, James shifted from a traditional career path in urban studies to instead specialize in natural resources planning and, particularly, outdoor recreation. Upon graduation, James spent a decade with parks branches at an exciting time when there was both funding for park development and support for new parks.

He started as a parks system planner, which meant that he and his colleagues served in public service roles, exploring the natural wonders of Beautiful BC. They traveled by foot, boat, horse, canoes and float planes, 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 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 RA, 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 the president of the International Society for 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, served 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 Development Corporation 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, Vila, will stay in Ottawa, but visit Europe and BC often.

On May 25, 2011, Dalhousie University awarded Larry Beasley, BA’65, with a doctor of letters, honoris causa, at the convocation ceremony for the faculties of Architecture and Planning, Computer Science and Graduate Studies.

Suzanne M. Taylor, BA’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 admirals 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.

After a long and rewarding career at the University of Calgary Library, Larry was 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 held 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, BA’67, MSc, has been a secondary school teacher for 2 years and a secondary school administrator for 27 years in Golden, Terrace, Courtenay and Comox. He is currently administrator in charge…
Maureen Phillips, BSc ’88, P.Eng., is involved with Harmony House, a non-profit organization that provides support for children with autism Spectrum disorder through alternative and augmentative technologies. The organization also provides education and training for parents under the law, who are educating their children at home. 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 Gilson, BA ’93 (Hon, Pol Sci), and her husband, Patrick Fruchet, are proud to announce the birth of their second son, Lucas Andrew Fruchet, on March 3, 2011, at the Aja Khan University Hospital in Nairobi, Kenya. Big brother, Jacques, now three, assists his parents in welcoming lucien in to the aga Khan University Hospital. All proceeds from the sale of this book go towards the purchase of equipment for the Chilliwack General Hospital.
Since leaving UBC, Parmesh Sharma, BSc'94, worked for the Immigration and Refugees 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, BSc'95, MA'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 (SEPF) as the real culprit for obesity. Gloria is the founder of nutrition network HealthCare24.com, which was the finalist for the 2010 Canadian Online Publishing Awards.

2000s

Lisa Shukun, BBA'95, 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 Rosse, BSc'91, 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 Beat Buy Canada, where she worked in the marketing department and he worked in e-commerce.

Hugh Passarella Llona, BSc'09, 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, BA'04, 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 expert experiences on his blog at www.qresearchphilosophy.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, BSc'09, is now a mortgage consultant with Mortgage Alliance. Late this summer, Beth Snow, BBA'07, who is a sometimes UBC ressional instructor—as well as Tsumaki Kanou, BSc'06 MA'08, and student Joanne Chow and Elisa Aleo, were among the participants of the Longest Game of Hockey for Cystic Fibrosis (longogame4CF). 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'10 (Dental Hygiene), was awarded the Joseph Armand Bombalier Canada Graduate Scholarship from the Social Sciences and Humanities Research Council of Canada (SSSHRC) 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 once top-ranked applications selected from the university-wide competition are forwarded to SSHRC (a federal government agency) for a nation-wide 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

Zul Kanji, BSc'07, BEd'10 (Secondary Education), has been appointed clinical assistant professor and year 2 & 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 Rrummer, BSc'03, has 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, she 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 Titchener, PhD, has graduated with a degree in modern European studies. She has a large passion for all things European, being a lover of great music, film, and art. She is currently working on a new VSO School of Music, is the 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 Rrummer, BSc'03, has 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, she 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 Cil Vancouver. Through her writing coordinator, 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, BA'10, and his sister, Gloria Fong, BA'10, have founded a new business venture, 728RS, (www.728hrs.ca) will be a new emergency preparedness supplies online and at the Richmond Summer Night Market.

Suzanne M Hinchliffe, BSc'06, MSc'10 (Anatomy), has been appointed clinical assistant professor and year 2 & 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 Rrummer, BSc'03, has 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, she 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.

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Associate Professor Emeritus Garfield Gleich (Gary) Pennington sends his best wishes to all his former associates at UBC, from his woodworking 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 behavior, 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 gpa@ubcmail.ca.

Kendall's writing coordinator, 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.
The Insatiable Bark Beetle

**Rocky Mountain Books, $14.95**

Reviewers: Pam Asheton, Dr. Reese Halter

Academics and eminent scientists worldwide are endorsing and supporting, with insightful critiques on a truly broad scale, a tightly written treatise on ravenous bark beetles. Collectively, these amazingly adaptable insects have marched into mountain ranges of lodgepole pines, expanding enterprisingly new 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 and naturally detailed with maps, charts, and tables that stand out from the pages of *The Insatiable Bark Beetle*’s second chapter, “Global Warming, A Climate Dearth.” Those pages take readers direct to digging, digest, absort.

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 harder but still vulnerable spruce.

Halter draws us, still with immense articulate detail, into pines, whitebark and limber pines close to his heart – the tough and resilient ancient mountaineers and one very obviously hardier but still vulnerable spruce.

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“The Saturday night dance — that was my turn to shine.”

At Tapestry retirement communities, we make sure you have the freedom and support to do the things you love. Whether it’s dancing and staying fit, enjoying our great food or getting involved in the local community. Because it’s our belief that respecting your personal choices and independence will bring out the best in you. Call us today and see what kind of freedom and support we can offer to help keep your body, mind and spirit healthy, vibrant and young at heart.

Dan and Sue Corcoran still dancing

www.DiscoverTapestry.com
Tapestry at Wesbrook Village UBC
3338 Wesbrook Mall, Vancouver BC
604.225.5000

With a tour of the Palm Springs Art Museum; a reception with UBC President, Stephen Toope; the Sixth Annual Desert Classic Golf Tournament and Dinner; and the opportunity to attend a day of tennis at the BNP Paribas Tournament, UBC Desert Days 2012 offers something for everyone.

For more information about the event, email UBC Alumni Affairs at alumniassociation@ubc.ca or call 604.883.3088.

If you spend part of the year in Palm Desert, please update your seasonal address with us (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.

Athletes of the Year
A centrepiece of Canadian Interuniversity Sport, the BLG Awards for the CIS Athletics 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 Baurer 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 Shaunice Marcelle, the 2011 CIS Player of the Year who guided the Thunderbirds to a fourth consecutive national championship last spring.

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

news from the Big Block Club

Rowing
In 1994, at the funeral of renowned UBC rowing coach Frank Head, 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, Rod McIntosh, the late John Lacky and a number of other UBC alumni, the John M. B. Lacky 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 natural turf field, and a spectator seating area, 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

T-BirdNEWS

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news from the Big Block Club

Rowing
In 1994, at the funeral of renowned UBC rowing coach Frank Head, 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, Rod McIntosh, the late John Lacky and a number of other UBC alumni, the John M. B. Lacky 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 natural turf field, and a spectator seating area, 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. “It 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 at 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.

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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 the national championship football teams (1959, 1982, 1986) – were in attendance as honoured guests of UBC Athletics.

CFL legend Joe Greenspan, 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 Shaw 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 alumni extraordinaires Dan Smith and other active members of the recently formed Thunderbird Alumni & Athlete Association (TAA) have invited members of UBC’s past national championship football teams (1959, 1982, 1986) and 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 the first time the team has competed for the Hardy Cup since 1999. We wish them luck on their quest for the National Championship.

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**WORLD UNIVERSITY GAMES**

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 head coach Kevin Hambrook 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. “Those 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 Reil 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.gotchathunderbirds.ca](http://www.gotchathunderbirds.ca)
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 operation in Medicine Hat in 1956 and Kimberly before leaving to start a new trail, and Kimberly before leaving to start a new

Dr. Kenneth Mortimer

Dr. Kenneth Mortimer received his MD from the University of British Columbia in 1950. After 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 MS. He received his FRSC(C) in 1955. For 40 years, in addition to his private practice, he taught orthopedics 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.

Sidney Flavelle, BSc’46

Sidney was born on December 12, 1924, and passed away on May 11, 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 grand- mother’s work during the service in the lovely 12th century church in nearby Blythbury:

“When I was a lot younger, I remember my whole class from primary school traudging across the fields to learn about pottery. As she showed us round I remember feeling rather smug that it was my group we were visiting. After all there were not many girls 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 Ockerwood as part of the Arts Work. Her Alzheimers 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 young two grandchildren for supper. Upon their leaving, she went to bed, from which she did not awake. Here was a long and happy life, marred by the death of her daughter, Kate, 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 hear, 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 transparently hiding. Alfredo Saenz, of Andres de Chirico, Tutto le vie, 1945

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Dr. Kenneth Mortimer was a member of Beta Theta Pi fraternity, which he represented in athletic and non-athletic activities. He received his MCDM from McGill University in 1950. After 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 MS. He received his FRSC(C) in 1955. For 40 years, in addition to his private practice, he taught orthopedics 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.

A wonderful husband and father. Though his work life was very demanding, he protected the time he spent with and the love he showed his family, especially in cottages on Horns 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 as well as innumerable medical articles, he wrote biographies, journals and poetry for personal satisfaction and family information. Ken was very kind and gave of himself without limit. It has been, therefore, extremely gratifying for the family to hear from so many people what a wonderful man he was. He deeply touched many people, even some who knew him only briefly.

Dr. Sidney Flavelle, BSc’46

Dr. Sidney Flavelle was a pioneer in satellite communications. He received an electrical engineering degree in 1938 from UBC and a master’s degree in 1941 from George Washington University in 1977. He received an electrical engineering degree in 1938 from UBC and a master’s degree in 1941 from George Washington University in 1977. He returned to UBC by inter-urban, streetcar and bus. He

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Roy William Archibald, BASc’47

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John V. Zacharias, BSc (April 48)
John was born on a prairie farm in Herbert, SK, on March 8, 1922, 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, Peggy, his son, Donald, daughter Leslie and their families.

Jovan Klodner, BSc, LLB’78
Born on January 23, 1915, Jovan died on April 10, 2011, at Queen Charles in Qualicum Beach, BC, after a three-day illness with pneumonia. He was preceded in death by his wife, Ghada Dema Khoury Klodner, and his daughter, Marlene Klodner. Jovan is survived by his children, Amanda Klodner, Michael Klodner, Richard Klodner, and David Klodner.

Dolly Kennedy (née Pearl Kennedy), MD’62
Born on June 6, 1928, Dolly died on April 27, 2011, at Qualicum Manor in Qualicum Beach, BC, on April 27, 2011. After a happy early childhood came World War II and the fall 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 1949, he married Krystyna Gorka, 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 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 assistant clinical professor and still later as associate clinical professor. In 1996, 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 as an extended group of close and devoted friends and honorary family members. By his request there was no formal memorial. By his wish there was no public celebration of his memory and life. Goods sent to Doctors Without Borders (Medicine Sans Frontieres) would be gratefully appreciated.

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Dolly was born in Troedel, AR, where her father was a CBS station agent. She attended school in Edmonton. She married in 1935, living in Powell River and Port Mcneil in the days of high strangeness. 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 RA in 1950 – a long process while raising her children. Immediately on graduation she joined the Vancouver University Women’s University Club, which featured prominently in the rest of her life. She was asked 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 her passport to friendship with 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 Parkville, Qualex University Women’s Club.

In 1955 he 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 he was graduating in medicine. He worked for a time as a school librarian, and then was very active with the Vancouver Public Library Board. He helped establish the BC Library Trustee Association, travelling widely on their behalf. Education, art, music, books, travel, CFUW and libraries were dear to her heart. Always gracious, she brought inveniveness, enthusiasm and fun to whatever she did – a full and long life indeed.

John Raymond Banks, BSc ’71
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 a life member of the Institute of Northern Mining Engineers.

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 assistant clinical professor and still later as associate clinical professor. In 1996, due to his ill health, he was forced to retire from both the practice and the teaching.

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for another six years of consultative practice, complaining mildly: “now that i’m finally completing classes at emily carr university of british columbia, i’ve got to quit.”

Barbara, by then in nursing training at VGH, had been a founding member of the De Cosmos Village Housing Cooperative in Castlegar and graduating from Stanley Public library, where he stayed for 33 years, his 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 Anderszon Lake, near Lillooet, and Geoff again found 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 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 born in Calgary to George and Janet Dickson, and 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. He doggedly worked on his golf swing and perfected his turns on many ski hills over the years. His beloved wife, Anne, cared greatly for him, as did his children, Ethan and Erin, of Kamloops; and daughter Kendall of Vancouver.

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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 Psychopathy goes to Work by Paul Babiak, PhD, and E. Earl Grass. It’s a fascinating book about psychopaths in the workplace.

If you could invent something, what would it be?
A teleporter

Who do you most resemble?
Sometimes, but, bitch, nobody kills the motherf you talk to.

What's the most important lesson you've ever learned?
“I love you. I love you. I love you.” (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?
Cringing. Not aggressive or mean-spirited, just cringing for the fun of it. For some reason I love it!

What do you expect of those you love?
“Don’t talk pretty to me, I’d rather look at your ass.” (from “Talk Pretty One Day” by David Sedaris)

What was the title of your biography?
I hope it will be: “you might can f me up if i could steal this from the novel”

What is your pet peeve?
Excessive decorum.

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 is your latest purchase?
A pair of Toronto Transit Commission coveralls. I bought them used when I was nine. I think I was more frequently than I probably should.

What is your latest purchase?
I seem to be on the road a lot lately.

If you could invent something, what would it be?
A teleporter

What are you afraid of?
Being a coward

Who do you most admire (living or dead) and why?
Jessica Lange. Lots of other famous people (living or dead) I have been told you most resemble.

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.

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Alison Lawton did more than financially support a new journalism class; she also gave her time. There are many opportunities at the University of British Columbia to donate, connect or get involved with almost any issue. To support thinking that can change the world, visit startanevolution.ca