

JANUARY 2015

BCIT & BEYOND

Link

magazine



DANCE. DEFENCE. DISCIPLINE.
Whether it's capoeira or your career,
Michael Yorke knows that your toughest
sparring partner is often yourself.

SPACE IS COOL AGAIN

•

CULT OF CROW

CRISIS IN MEXICO

CELLARING BEER

•

SUPERBOWL XLIX

MALE MODELING

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RENEWAL REMINDER

I was sifting through my mail last week (pardon me, my bills - nobody sends mail anymore), when I spotted an envelope from Drivers' Services. Inside, a license renewal reminder. Oh lovely, I thought, another reminder that my birthday's coming, I'm a year further into my 'mid-thirties,' *and* an extra kick in the pants of 80-odd bucks just to replace a piece of plastic that has nothing wrong with it.

But from this glib cynicism sprang a slightly deeper thought. Afterall, now really *is* the annual moment of renewal. We're still pretending we can keep the resolutions we made while ringing in the next trip around the sun. Each day is longer now, as we've passed the winter Solstice. Things will start to grow again soon, and here I am racing into my final semester at BCIT. I realized yes, I'm a year greyer and wrinklier (or whatever), but coming back to school has itself been an act of renewal, with new skills and new career doors opening.

For those of you who've just started the journey this year - the new year is a benchmark: you're halfway through this new adventure. For many of you who've got one under your belt, we're spitting distance from the finish line. But virtually all of us are here for the same reason - to build a better version of ourselves. With New Year's day hangovers fast receding, it's time to buckle down and finish the job.

- Simon Little,
Associate Editor
Twitter: @simonplittle

NAMES & FACES

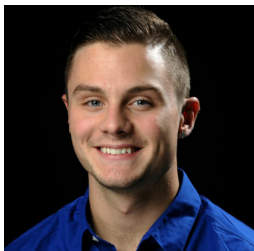


YINAN SHI

A fourth-year Mechanical Engineering student at BCIT, Yinan has his first B.Sc. in Chemistry. Influenced by his father, a photo journalist, Yinan took up a camera and had his first dark room class at the age of six. His advertisement works have been published in *British Vogue*, *Tatler*, and *Marie Claire*. During his spare time, he loves to play the violin and take photos of his five-month-old son with his lovely wife. Contact Yinan at yinansshi@gmail.com

AMY SMITH

Amy was born and raised on the cold, hard streets of Vancouver. She has been pursuing her dream of not knowing what she wants in life ever since. Amy lives with two old men in East Van, and the last book she read was *Pulp* by Charles Bukowski, which she thought was decent. Amy can relate to that guy, in the sense that he was a gross, offensive old man.



COLTON DAVIES

I'm a big sports guy living in Maple Ridge, where hockey above all is the centre of my universe. When I'm not coaching hockey, refereeing, or broadcasting with the the local Junior B team, I spend my time pursuing a sports broadcasting career at BCIT, as a first year Broadcast & Online Journalism student.

JAKOB SCHMIDT

Jakob Schmidt is a first year broadcast journalism student with a passion for the written word. You can find Jakob wandering around BCIT mumbling incoherently about politics and music and history and how sentence structure rules are a load of rubbish and a whole bunch of other disappointingly human topics.



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TRASH TALK

Toss Your Garbage Correctly, Save the World

Landfills around Metro Vancouver are about to get a lot less stinky. On January 1, an organic waste ban came into effect for households, restaurants and public institutions including BCIT.

Almost a third of Metro Vancouver's waste is organic: food scraps, soiled papers like napkins and pizza boxes, milk cartons, tea bags, and yard materials. This waste fills up landfills and produces large amounts of methane. The goal of the ban is to divert it from landfills, putting it to better use as compost and even bio-fuels. The ban will be enforced through fines for the garbage haulers on any haul with over 25% organic waste, starting in mid-2015.

So where does BCIT stand? An independent audit report completed in January 2013 suggests that 48% of BCIT's trash that ends up in landfills is organic waste. That's considerably higher than the 25% limit. BCIT's Supervisor of Custodial Services, Cindy MacIntosh, agrees it's a challenge. For now she says BCIT has put out organic bins in all the cafeterias, and SE12's Tim Hortons. Professor Mugs will get them in January, and she says it's looking into expanding into student lounges and other places in the new year.

The waste will be collected in biodegradable bags and sent to a Richmond soils facility to be made into compost.

Although MacIntosh has reached out to student reps and created new signage, the only formal public education component is one by the student-run Sustainability Initiative. President Millie Kuyer said the group is putting on a series of events, including one in the Great Hall where they will empty out a full trash bin from a campus hallway and actively sort the items into their best-suited receptacles. Kuyer hopes the spectacle "will get people talking, create awareness, and educate our campus community."

MacIntosh hopes another audit report will be done (likely in April) to see whether the new bins and education campaign have had an effect on reducing organic waste in the trash. For now, BCIT students can do their part by tossing their organic waste into the proper receptacle and out of Metro Vancouver landfills.

— Roshini Nair

CAREER SERVICES PORTAL

Student Association to Launch "CareerTrack"

The ubiquitous 'Help Wanted' sign is coming of age at BCIT. As of mid-January, a site will be launched through the BCITSA that will link students looking for employment with hiring bodies in industry.

Sara Kandathil, a Career Specialist with the SA, has been working with her team for months now to create this interactive job search site specifically built for BCIT students. Since September the team has been working with students to build resumes, cover letters and host workshops in personal branding and networking.

The workshops are designed to offer students from every department the connections they will need to obtain gainful employment after graduation. A concerted effort is being made to create employer-student connections through Employer-Info sessions that will hook up students with possible employers and post up-coming jobs.

The working name of the portal is 'Career-Track', and they hope to have it up and running by mid-January. It will be an online system in which students and employers can interact to find the best fit. A Career Speakers Series will be lined up on a regular basis to focus on specific departments.

Students can log in with their student ID and set up a profile for themselves that they can update at will and even add their resumes. BCIT is, so far, the only college with a Career Services program for students to take advantage of. Student demand is the driving force behind the site, so if there is something that a student would like to see, they can request it.

Details are still being ironed out, but keep an eye open for this site to act as a sort of BCIT LinkedIn specific job-hunt portal.

— Deb Power

TRADE WITHOUT BORDERS

BCIT Club Sets Sights On Fair Trade

BCIT might soon gain Fair Trade designation thanks to the goals of one club, Engineers Without Borders (EWB).

The Fair Trade Campus designation recognizes post-secondary institutions that have demonstrated a strong commitment to fair trade. Fairtrade Canada provides third-party verification to ensure that certain foods and drinks provided by campuses are ethically certified. While the project may take a few years to complete, outgoing club president Navtej Heir, and Vice President Peter Li, hope to start the project by first getting students' support.

"We want to build up support first and then have a conversation from a position with more strength so we can make a better argument on fair trade," says Heir. "If all the clubs unite together and students unite together, then that is what's going to help bring change to BCIT."

To become eligible, BCIT must first form a steering committee. Made up of both students and school administrators, it will submit the application and make sure program rules are being followed. Then, campus must ensure all food services it controls directly offer a range of Fairtrade certified products. That includes all coffee, a variety of teas, and having at least one kind of chocolate bar available. Coffee and tea

served at campus meeting and events would also need to be Fairtrade certified; however businesses that rent space on campus, like Tim Hortons, aren't subject to these rules. Finally, once certified, campus would be responsible for educating students about the products, and the meaning of fair trade.

The EWB club has been hosting events, like their fair trade soccer tournament, around campus to raise awareness on the matter. Next semester, the club is starting their public outreach campaign with a Valentines event by giving out fair trade chocolates and roses. The event is one of many they hope to organize next year to build up support for the cause.

So far EWB is BCIT's only club working towards obtaining the designation, but they have the support of the Engineering Student Society and are co-organizing sustainability-focused workshops next term with the Institute of Electrical and Electronics Engineers.

Despite the club's name, Heir and Li assured *Link* that EWB is open to all students and hope to see more people join the cause.

— Estefania Duran

FISH TALE: ^{TRUE} a choose-your-own adventure story

by sarah morden

So you've decided to work at a fishing lodge on Haida Gwaii, a place so far North you can throw a stone at Sarah Palin, looking at Russia. Your job is housekeeper/server with a ten-hour workday: six in the very early morning and four in the evening.

You spend the first part of your day cleaning up after corporate bros who combat sea legs with scotch, and your afternoons scurrying hamster-like on a treadmill to keep yourself occupied. After a dinner service of butt pinches, stolen gulps of wine, and 40 oz steaks, you high-tail it to the one place of solace you've been waiting all day until it is acceptable to get to: the staff bar. Once there you...

Shoot JD until you 'parkour' (walk) your way back to the 7'x7' bunk you share with your best friend.

Play 'Never Have I Ever' with your new colleagues.

Casually sip wine while looking out over the ocean and pondering the bigger questions.

You become inebriated enough to dance on the bar. Continue reading.

The people you work with now know far too much about you. That's a first impression you can't get back.

You spend the rest of your time at the lodge bonding with the wildlife. Run into the woods and go all Chris McCandless. (We all know how well that ends).

In the night, you wake up to the stumbling shadow of the guy your roommate brought home, trying to find the bathroom. Before you can shake those liquor cobwebs enough to inform him the toilet is outside and two doors down, your new favourite person is using your only uniform hanger as a urinal.

Once you've made it to your bunk you lay out the only uniform you have so you can roll out of bed and get dressed with your eyes closed. You use the chair that doubles as your hanger and your step to the top bunk, to climb up and pass out face down for a quick four-hour nap before you do it all again.

Reach over and punch them right in the nose.

Yell like the place is on fire

You're given a talking to, reminiscent of being called to the principal's office and you feel like a naughty child for the rest of the week.

Put the urine-soaked uniform outside and take your friend's so they can explain that one to the boss.

You start a camp-wide panic and disrupt some peoples' much needed slumber. You are a social pariah.

You've managed not to assault anyone or even wake your bunkmate, so you put on your roomie's uniform and start scrubbing the effluvium from behind the corporate bros' toilets. Lucky you.

THE CHAHUIZTLE

Mexico's brutal drug war.

WORDS JAKOB SCHMIDT

Mexico is on the verge of a major political crisis. Thousands are rioting in all the major cities. Gang violence has increased ten-fold over five years. The disappearance and alleged murder of 43 protesting students by corrupt Mexican police in September was the last straw for a battered population. What began as a crackdown on gang violence in 2006 has resulted in over 1 million displaced and 100,000 dead. The conflict has rapidly evolved into one of the largest and most savage drug crusades in history – and yet media coverage is lacking.

The battle is a strange one. There are no clear winners or losers, nor bad guys or good guys. The Government is often corrupt. Police Officers are often corrupt. It seems that everybody in Mexico has a price. Many of the especially dangerous parts of Mexico have either been bribed out of Government protection or are too volatile to protect. In the absence of police, many citizens have formed vigilante groups. The unrest is rampant.

The reaction from the Obama administration has been unacceptable. The U.S. congress has allocated about \$2 Billion in foreign aid for Mexico. In comparison, Congress has

allocated over \$1 Billion just to bomb ISIS – not to mention the \$2.4 Trillion fighting the Iraq War. ISIS might seem like a more pressing issue, but the threat in Mexico is very real. As the pressure and chaos builds in Mexico, the Cartel is being forced to find other ways to smuggle drugs into America. Vancouver is nestled in a perfect spot, and the Cartel has made it a major base of operations. Gang violence has seen an upsurge since the Cartel moved in.

The ruthless behavior of ISIS is unacceptable and vile, but yet again, a brief study of the Cartel shows that they are equally as heartless. In Mexico, those who speak out against the Cartel are routinely slaughtered. In 2012, two American journalists were dismembered and hung from public signposts that read “those of you posting funny things on the internet – you better watch out...” While ISIS executes by beheading, the Cartel executes via boiling water, electricity, chainsaw, and a wide assortment of horrific means.

So why don't we hear about Mexico more often? One could blame it on the sheer amount of journalists who are killed, but there are plenty of other reasons. It could be

because some 70% of the weapons used in crime come directly from the United States. There are 6,700 gun shops peppered along the American side of the Mexican border, but in the entirety of Mexico there is only one legal gun store. The guns go down South and drugs and illegal oil come back up North. A lot of questionable money is made on the Mexican-American border. The Cartel is estimated to rake in over \$25 Billion every year through the drug trade.

The timing of American intervention is incredibly important, whether it is in Iraq or in Mexico. In Iraq, the U.S. chose a very particular time to engage the terrorist threat. ISIS was only attacked after they made a move to invade oil saturated Northern Iraq, called Kurdistan. The so-called “fight for freedom” is only a public relations term. It might be of some importance morally, but assuming that America has engaged ISIS to “fight for freedom” is an insult to the Mexican population. It's time that America stands up for its much-hyped ideals and either takes the fight to the Cartel or stops claiming it, in the words of Obama, is a country that “stands with people who fight for their own freedom.”

*“The guns go
down South...”*

*...drugs and illegal oil
come back up North.”*

Neutral Consequences For Continuing Harm

Another Blow to the Environment

In the House of Commons last December, Prime Minister Stephen Harper announced that “it would be a crazy economic policy” to add further enforcements on oil companies going over the greenhouse gas emission limits. According to reports from the Alberta Ministry of Environment, as of 2013, not a single company in the oil sands has been following the set of rules of emission limits made in 2009.

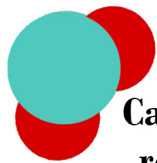
In 2013, the top ten emitters were in oil and coal and were 3-12 million tonnes over the green house gas emission limits.

According a 2014 report by the Globe and Mail, a proposal to set a limit on carbon emissions for the oil sands would cost producers less than \$1 a barrel. With the global oil prices dropping nearly 40% from their peak last June, energy companies may slow their expansion in 2015. Is it then the case that we can't afford to lose the \$1 per barrel?

Alberta Environment and Sustainable Resource spokesperson Jason Maloney says they have long recognised the need for companies to reduce emissions by at least 12%. One day prior to Harper's announcement came a report by Environment Canada stating the country is falling short of its international commitment to reduce emissions.

Companies continue to pay for offset credits, which allow them to go over limits with a simple fine, instead of reducing their emissions. But Canada is expected to miss its commitment to the Copenhagen 2020 target of reducing greenhouse gas emissions by 17%. Maybe fines aren't cutting it.

N02



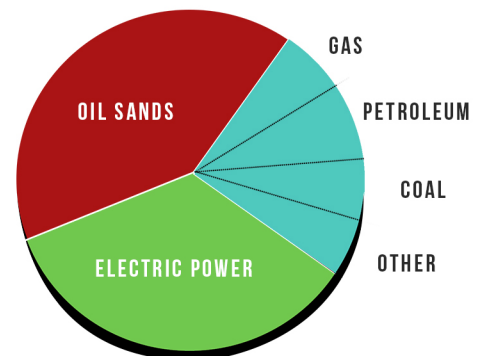
Canada has the 2nd highest crude oil reserves in the world and is the 6th largest crude oil producer

SO2



When companies emit more than 50,000 tonnes of greenhouse gasses they are required in Alberta to report emission levels

Greenhouse Gases by Sector in Alberta



Environment Ministry of Alberta asks companies that admit more than 100,000 tonnes in emissions to reduce emissions by %12.

Climate Change Emissions Management Act

(Alberta)

- **Regulates** companies via systems that monitor chemical emission levels
- **Enforces** companies via 3 penalties:
 1. Buy offset credits: companies can buy credits from other companies who emit less than their target limit
 2. Pay the Fund: companies can pay 15%/tonne of emissions that go over to an environment management fund
 3. Performance Credits: Companies can use banked or internally traded performance credits to counteract the emissions



A black and white portrait of a man with short, dark, curly hair and a light beard. He is wearing a white tank top with a dark trim around the neck and armholes. The tank top features a circular logo with the text "MESTRE BARRÃO" and "GRUPO XE" around a central graphic. He has a tattoo of a maple leaf on his right upper arm. He is standing with his arms crossed, looking directly at the camera with a serious expression. The background is a plain, light-colored wall.

“

**YOU CAN'T LET THINGS
HOLD YOU BACK; YOU
NEED TO CONSTANTLY
ASK YOURSELF: 'WHY?'**

”

DANCE. DEFENCE. DISCIPLINE.

First-year International Business student Michael Yorke practices Capoeira: an Afro-Brazilian martial art created over 500 years ago by slaves in Brazil. The aim of Capoeira was to disguise defensive moves through dance. He arrives for his interview with a smile, carrying a Berimbau (a stringed percussion instrument that looks like a bow) and a Pandeiro (a hand drum). He introduces himself and tells me about the origins of the instruments, and how they work in a Capoeira 'game.' Suddenly, the cold winter chill is gone, replaced with a warming interest in a martial art that's more than sophisticated kicks and flips.

words **RIA RENOUF**
photos **YINAN SHI**



Tell me a bit about your journey to finding Capoeira. What made you want to practice it?

When I was seventeen or eighteen I started to get interested in martial arts. I saw a group performing on Much Music, and I'd shown a friend. He told me that about a few weeks ago that the same group of people were in the theatre at school. So I went and I spoke to someone that was in the group and I asked them, "How long will it take me to do a backflip?" They said five, six months, if you're coordinated." So I was like, "okay, cool. I'll make that my goal...and at least I want to learn how to do that." So I went to the class, I thought 'okay, it's like a martial art, like a dance, it's not going to be that hard.' The first class I took, the next day I couldn't walk. I was so sore; my body was wrecked. And I thought to myself, 'wow, I'm already in good shape, if I did this for one and a half hours and I feel like this, just imagine how I would feel like if I don't get sore from this anymore... how in shape I would be.' That's what really kind of made me stick with it.

How has Capoeira shaped the travelling you've done to, let's say Brazil?

Capoeira has opened a lot of doors for me. I studied Portuguese, because in Capoeira the music tells the history, so it's something you want to know; you want to know what's going on. From that I've got a lot of friendships in Brazil. When I go to Brazil, whatever city I go to, I'll have a friend there. I get to go and I get to be immersed in the culture, I'll stay at their house, I'll eat their food. And Brazilian people are really comforting and really facilitative of that. They're very happy to see you and they want to show you their city. Also I see it from the Capoeira perspective – Capoeira's kind of...it comes from an impoverished people. Because the areas that I go to do Capoeira in Brazil aren't really the best areas, and they're not areas that anybody could go. For me it's just opened a lot of doors as well as kind of my mind a lot. Really.

Do you think there's overlap between Capoeira and how you pursue things here at BCIT?

A martial art itself is about balance and dealing with surprises. Being able to react to those surprises is one of the things with BCIT – the course load is very heavy. Both in length; in depth. You have seven courses, and they're all extremely deep. You have to be able not to get drowned in one but be able to surf on top and sort of choose what you need to focus on at what time, and really know how to prioritize those things – which Capoeira certainly helped me do. It's just like in the game of Capoeira, it mimics a fight. Not all the time you need to strike. Not all the time you need to go one hundred percent. You can offer something or you can decide not to do it. And I think that's really helped me here a lot.

What's one of the things you'd want to let students know about the returning Capoeira program you're trying to bring back for January?

I believe it's for everyone. Some people will see it, they think it's too much...it's like anything else. You start with a base, learn how to do things...it's a dialogue

between two people. I'm here to teach you the language, and not just language, but the individual letters, the words. Letters create the words, words create the sentences...the sentences create the dialogue.

One other issue people have is getting injured; getting hurt. Do you have any advice for anyone who might be scared to sort of get back on that 'athletic horse?'

I think the thing about that from my personal experience is that it doesn't matter where you are. If you're not moving forward, you're not moving forward. You can't let things hold you back; you need to constantly ask yourself, "why? Why is this a problem?" Okay, then you get to the root of the problem, then you figure out how to address that. Yes, Capoeira is physically taxing, but there are a lot of things within Capoeira that you can do that can rehabilitate you. You don't have to do the extremely hard stuff. One of the most important things for us is the base. You can see a guy, he can do a cartwheel and a backflip, but then his base is terrible – and for us, that's not what we want. We want to have everything inside [be] good. Dealing with injuries is a hard process. But the most important thing is to keep moving no matter what.

Do you think that's part of the misconception? When I saw this, I saw this amazing footage of you doing what looked like complicated moves. Do you think that might scare people a little bit?

Yeah, I definitely think that scares people. For me even going through BCIT and going through the marketing program, I've seen how Capoeira is portrayed, and I feel like it's sort of...too flashy for the average folk. You have a lot of people who do Capoeira that are actually...you know, you have a fifty year old guy that's a computer software engineer. You have a forty-five year old mother of three. And they do it and they find their place. I think definitely people look at it and they think, "Wow, I can't do that." But everything is a process. When I started Capoeira, I wanted to do flips. Another person that started Capoeira, he wanted to learn how to fight. So I learned to flip. Okay, what now? Okay, now I want to learn how to kick. So I learned how to kick. What now? Okay, I want to learn how to play some instruments. Alright...so you're good at these things and now you want to learn the language. The

movements themselves evolve. The movements themselves become bases for other movements. And really, it's just about building your base, and the base is really squats and lunges and physical movements like that. You're going to have a stronger core than Pilates. You're going to be more flexible and useful, have more relief of stress than yoga. You'll have a better body than somebody that works out. And you'll be more functional. A lot of people get injuries now because they go and they use a machine and they build their muscle. But then when they're on the playing field, their ligament isn't strong. So their ligament can't handle the strength of the knee – so their knee pops. And that's a huge problem. Capoeira builds your body to be functional – and not just that, but your mind. It puts you in situations – it's a game, but it's like a microcosm of life. The class is never the same. The game is never the same. The song, the rhythm, the feel is never really the same – it's always slightly different. You never know what you're going to get.

Taking into consideration all your experiences – so BCIT, things you've done in Capoeira – just life in general. What's something you'd like to leave our readers with?

You never know what you're capable of until you try. I mean, for me, I couldn't do flips, I didn't know how to kick, I didn't know how to play instruments, I was never musically enabled. I couldn't sing, I couldn't speak another language. I'm fluent in three languages; I speak Portuguese, English and Spanish – I play twelve instruments, I can flip and kick. I had to go through trial and error. Within BCIT, I had fear of certain subjects when I came here. Having that fear made me focus on that more. It made me not back away from my fears – but face them head-on. They say martial arts is about survival. Well, you know, survival isn't just about learning how to defend yourself, and fighting. It's being able to be happy while you're stressed out, and not let that stress overtake you.

Interested in capoeira? Michael will be teaching classes this year at BCIT Burnaby's Rec Services starting Jan. 28 with a free trial week Jan. 19-23. Inquire at the front desk in SE16 or see www.bcit.ca/recreation for more details.



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THROUGH THE EYES OF A MODEL

by
Calvin
A. Jay

When I was signed as a developing model at an agency called Wilhelmina Models Vancouver, I was immediately skeptical of the profession. After all, I had seen *Zoolander* enough times to draw a preconceived notion on the standards of modeling. There would be strange old men and women smoking in a room and they would ask me to walk up and down a catwalk, shouting out slander about my figure. There would be snobby photographers (that also smoked) staring at me like I was a piece of meat. And there would be, of course, beautiful men and women with sharp jaws and strutting egos. Of course this nightmare was nothing more than an animated vision – but it may not be that far off from your own misconceptions on modeling.

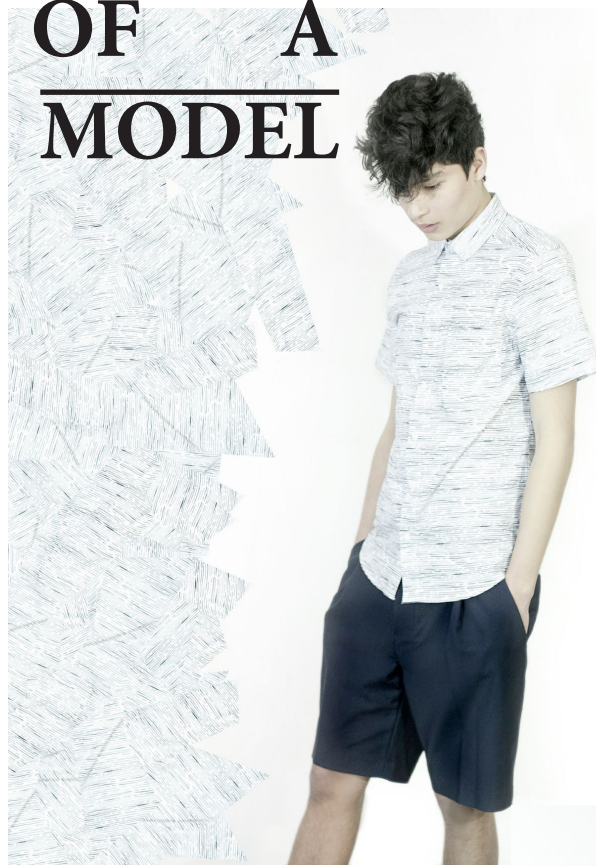
The president of the agency was a really nice person. The old/smoking man I anticipated turned out to be a mild mannered, friendly, and loving woman. Her right hand man, a modeling scout and agent, was equally as humble and welcoming. A solid half of the models were under the age of 19, with the youngest being at least 16. I was surprised to see an influx of intelligent young people, some of whom were incredibly shy – not the snobby bourgeois folk I had first envisioned. One girl in particular had just come back from the East coast after studying journalism, the last endeavour I would have ever expected from a model.

*“people tend to
fear what they
don’t know”*

The first photographer I ever met was during my debut shoot on Sunset Beach in April last year. It was very cold, though he was not. Once again my ignorant assumption on modeling was proved wrong, as Alex was a remarkably affable person who directed me with care and encouragement. The more photographers I met, the more I became aware that these professionals were carrying the mentality of photographing people rather than objects – which facilitates a much more natural picture. So in essence, being nice to your subject equals a better photograph.

As I mentioned earlier, a lot of these models are young. In fact, you might be oblivious of just how young. The other day I saw a teenager from my agency on the cover of a wedding catalog of some sort. For all you knew, she could’ve been a real bride. This is where society’s misinterpretation of figure comes from. You don’t have to be an expert on human anatomy to say with fair confidence that a 16-year-old body has a different shape than that of an adult. So yes, bodies that you see in magazines are potentially impossible to mimic. Photoshop is not entirely to blame for these social implications of normality, but rather age and the embellishment of it in commercialism. This being said, all of the models I’ve met appear to be healthy, natural, and kind hearted – eager to travel the world and immerse themselves in big cities.

Life is about opportunity. I was so hung up on society’s notion on modeling that I almost never tried it. I would have missed out on a number of experiences, as well as meeting some great people. Remember this: people tend to fear what they don’t know, so never close the book on your own aspirations, but experience them for yourselves. As I learned, it’s the only way you will progress.



courtesy marchel b. eang

THE SPEAKERS

**HEATHER WHITE**

Business advisor, 'Authenticity Advocate,' speaker and coach, Heather White has been widely published and interviewed the big names in business for Entrepreneur TV. After a breakout start in business development, she founded 2020 Communications, where she's advised hundreds of entrepreneurs and corporate professionals. Oh, Did we mention she's a black belt in Jiu Jitsu with a World Championship silver medal?

**ROBERT MURRAY**

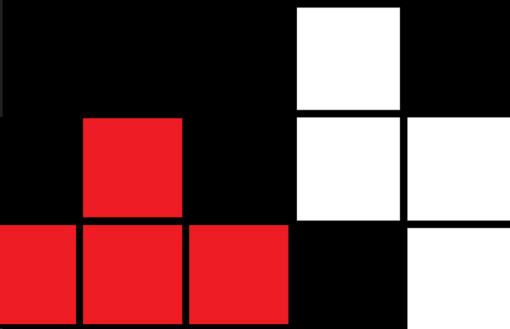
Chairman of Growthpoint Inc., Robert Murray has spoken publicly in over 25 countries on leadership, strategy, and business optimization, and is the author of acclaimed leadership book *It's Already Inside*. Known to some as a 'Turnaround Mercenary,' Murray has revitalized companies with over 1600 employees and billion dollar balance sheets.

**TREVOR BORLAND**

A BCIT Alumnus, Trevor Borland is the man behind Pacific Bolt Manufacturing, named one of the 500 fastest growing companies in Canada. Chairman of the Canadian Institute of Steel Construction and member of several industry associations, Borland is coming to share his perspective as a business owner—and BCIT grad—on the current marketplace.

**STEVE CURTIS**

Science and adventure are at the core of Steve Curtis' philosophy on leadership and entrepreneurship. As a teenager, Curtis turned a \$500 credit card into a \$5m company with a global staff. Diagnosed with a rare form of cancer he travelled the world seeking a cure and built a team of top researchers; finding a passion for mentoring at risk youth and summiting Mount Everest to fundraise for them along the way. Six years on, he's healthy and passionate to share his experience.

**BUILDING
THE FUTURE.**www.tedxbcit.com

TAYLOR CONROY

INTERVIEW BY RHIANNA SCHMUNK

By 26, Taylor Conroy had achieved the dream — a successful career and millions of dollars to his name — only to find they didn't mean much to him. So, after a life-changing trip to Kenya, he gave it all up to found Change Heroes, a unique crowd-funding platform that's raised over a \$1,000,000 towards eliminating child poverty.

We chased him down over the busy holidays to get a sneak preview of what he'll bring to the table for the first-ever TEDxBCIT.

For students on a tight budget, giving (even to a greater cause) can seem impossible. Is speaking to that kind of audience harder for you as the head of a fundraising platform?

I'm not coming to tell students to give money and I'm not coming to say they should donate. My premise is social entrepreneurship and what students do after school. I'm not talking about 'Hey, give me your pocket change.' I don't care about what you guys do with any of your pocket change right now. What I care about is what you do with your lives.

As in make career decisions?

Well, do you want to become an investment banker? I can tell you one thing, the world doesn't need anymore investment bankers... It needs people that are going to gear their education and creative energy and brilliance towards making the world a better place, not strictly lining their pockets. That's what I'm there to talk about.

And you think BCIT students are the right group of people to talk to about that?

College students are amazing, because for you guys, it's a lot easier to have that pivotal moment of, 'Yeah, I don't necessarily wanna go down the exact same road that so many people have before that have found that road unfulfilling.' You guys can alter your lives... [and] hopefully have that moment a lot sooner than I did and hopefully spend a lot more of your life doing something more meaningful.

[I'm not trying to] tell this sob story about what's happening in other parts of the world. You guys know what's happening in other parts of the world and you care. I'm there to tell my story of how I've found something quite fulfilling and hopefully people enjoy that and want to have that in their life as well.

We're looking forward to it. — It must be exciting for you considering Vancouver is close to home!

Yeah! To be able to do [a TEDx talk] in my hometown is wonderful, and to be able to do it with students who I might very well get to work with at some point? This could really lead to some wonderful things. There are always collaborations that come after the talks and I'd love to go for a coffee with people that want to collaborate and do something.



CALL of CROW

by Amy Smith

A sinister cloud descends upon BCIT as the sun goes down in the waning winter hours. Thousands of crows swarm the skies over Burnaby. Has Beelzebub sent them here to peck out students' innards and spare them from handing in that second-rate project? Is this a sleep-deprived hallucination?

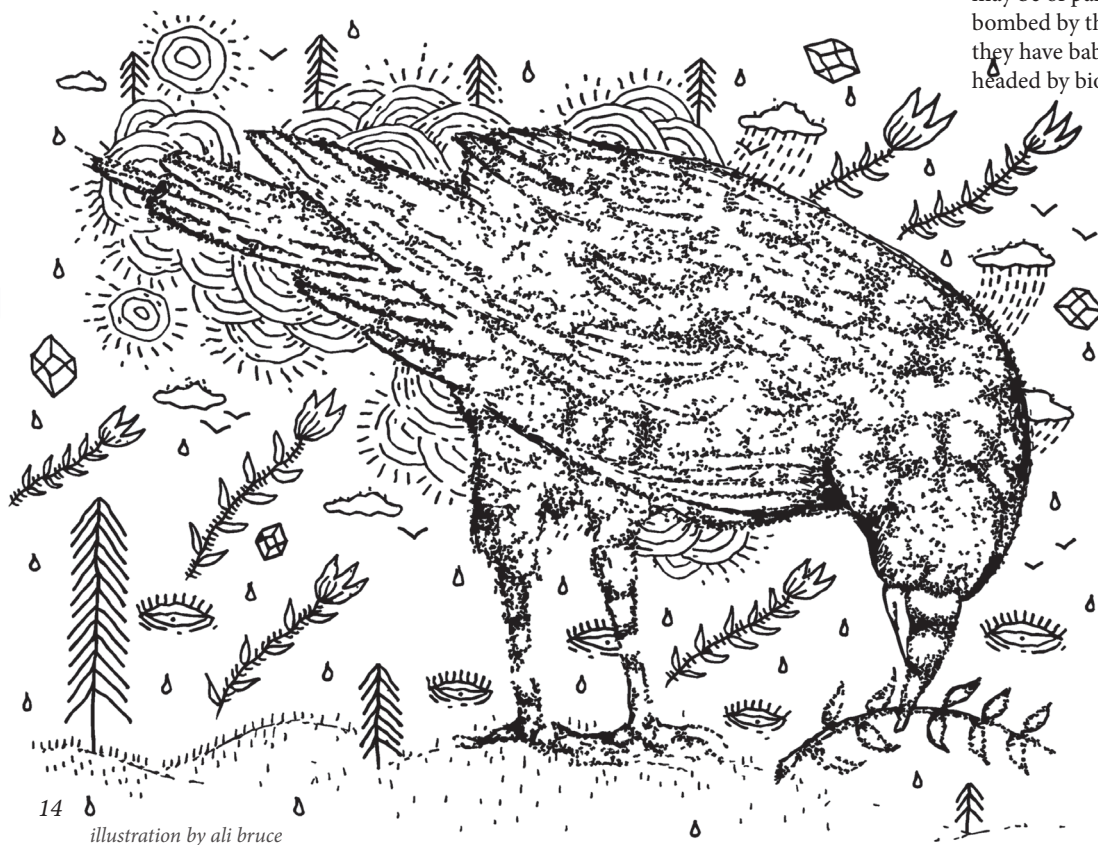
Derek Matthews, founder and Chairman of the Vancouver Avian Research Centre, confirms that the crows are not a collective hallucination, nor are they part of a Satanic conjuring. Matthews tells me that the massive murder (the poetic collective name for a group of crows) has been a regular occurrence in the area for decades. Just down the road from our Willingdon campus is their Still Creek roost where they congregate in large numbers during winter, when breeding season is over. Matthews purports that this is arguably BC's biggest Northwestern crow roost.

"They were there first, and they're staying put," says Matthews. They've endured plenty of urban development in the area over the years, and though the roost has dwindled slightly, the crows still return. Crows roosting in urban areas use less space than those in the wild. "They really are different from other birds."

Crows have long been a hot topic for the public; nothing seems to capture the imagination quite like them. Their iridescent black feathers, carrion diet and loud caw have long made this bird a popular symbol in literature, legends and art—from the grim and gothic figure in Edgar Allan Poe's "The Raven," to the mystical guide in the film *The Crow*, or more recently, the three-eyed raven visions in *Game of Thrones*. Crow silhouettes are routinely seen in home décor, fashion (see the Geared Up store on campus), and every manner of East Van tattoo. No one seems to want some lame seagull on their bicep.

So what is it about these birds—apart from the sheer number of them in our skies at dusk and their cool cache—that makes them so beguiling? Perhaps it's because of the human-like intelligence they're becoming famous for.

Until recently scientists weren't that interested in bird intelligence, as their forebrains (also called prosencephalon) are relatively smaller than in higher mammals. Now researchers are on the case, and various studies show that crows display forms of intelligence usually reserved for people. They demonstrate abilities in tool making, facial recognition, and self-awareness, all of which equal or exceed skills shown in whales and apes. Facial recognition may be of particular interest to those of us who have been dive-bombed by these rascals, which family-oriented crows do when they have babies in their nests. A University of Washington study, headed by biologist John Marzluff, showed that wild American



crows (the slightly larger brother of BC's Northwestern crow) remember people's faces for years. Even more startling is that they make judgments on whether people are friend or foe, and share that information with others crows. The experiment involved wearing masks of human faces while capturing the crows and banding them (tagging for research). Year after year, researchers who wear those same masks around the area will be mobbed by groups of crows, even though they are no longer posing a threat. Seven years later, the masks still attract a mob of grunge-holding crows, some of whom could never have witnessed the original perceived threat.

Another aspect of their intelligence is crow social behavior. Crows mate for life, and their offspring live at home until they are approximately five years old before starting a family of their own. Within the greater crow allegiance, they still compete with each other for food and social bonds. Thomas Bugnyar is an Austrian researcher who specifically studies the social hierarchies and tendencies of crows. His team has discovered different spying and misdirection tactics crows employ, as well the way they play and groom each other to build trust and bonds. They have even been shown to intentionally disrupt other crows from forming bonds with each other in order to preserve their own allegiances.

Crow and raven observations were made in First Nations mythology well before scientific research brought them to the public's attention. The Haida nation tell stories of the raven in their creation myth as being the creature who discovered man. In the Sauteaux nation, Raven is known to mimic the many sounds of the forest and is a teacher figure who taught humans to speak.

Aaron Nelson-Moody, (aka. Splash) is a Coast Salish/Squamish Nation carver and an Elder Advisor for BCIT Aboriginal Services. Splash tells me that there is no single defining mythology or belief about crows rooted in aboriginal culture and that different nations have different stories that observe crows as a part of the cultural landscape.

Splash himself has observed crows being drawn to his fellow carvers as they work. "They would pick up shiny objects and drop them near the carver, and squawk if they weren't paying attention to them," he says. He also recalls childhood lunches at school where his food was regularly snatched from his hands by the winged scavengers. Still, he admires their ability to adapt and survive despite urban encroachment in their habitats. One could almost picture these hardy characters thriving in post-apocalyptic times.

Who knows how long the giant Burnaby roost will last, as commercial expansion is bound to continue and crow roosts are not protected under BC's environmental laws, but whatever magical force compels the black squawking cloud to fill the air over BCIT's main campus will surely last through a few more graduating classes. After short winter days and long hours studying, it might be the only attraction that draws students' eyes up from their books.

Know Your Crow

All ravens are crows, but not all crows are ravens. The word "crow" is used for an entire family of birds, Corvidae, which includes the raven species. Crows can also be jays, magpies, nutcrackers, and more. There are over 40 species of crows in the Corvidae genus existing today.

Bird Brains

Research reveals that corvidae rival apes in their intelligence. A study at Oxford University was the first to reveal New Caledonian crows were capable of making and using tools. Betty and Abel, two crows in captivity, were given a choice between a straight piece of wire and a hooked one to complete a task. After they both figured out the bent one was the winning choice, Abel started hoarding all the hooked ones. Probably motivated by feminist outrage, Betty immediately made her own hooked wire by sticking a straight piece in some duct tape and wrapping in back around a post. This is the first recorded observation of an animal making a tool for a specific task in this way.

Last Words

Brandon Lee (son of Bruce Lee), described his take on the crow figure used in the film *The Crow* in one of his last interviews before dying on the set of the film: "The crow in the film... you could really just look at as a guide. Almost a piece of his own personality that guides him back into his life and reminds him who he was, what happened to him. I think that the crow is that rational voice, the crow is his guide. The crow helps Eric do what he has to do to in a very practical sense; it leads him to the places he has to be."

A Bunch of Idioms

As the Crow Flies • Eat Crow • Why is a Raven Like a Writing Desk? • Crow's Nest
Crow's Feet • Crow Bait • Scarecrow • Crowbar

SPACE CASE



by ria renouf

I remember the first time I thought I was going to be an astronaut. Believe it or not, it was after an episode of *The Magic School Bus*. The class had spent the episode learning about the solar system with an effort to find Ms. Frizzle, who'd been on Pluto. And back then, Pluto hadn't gone through the headache of being (un)classified as a planet.

Immediately after I saw the episode, I begged my family to get me glow-in-the-dark stickers. Looking at the shapes, I wanted to see a planet, a star, a comet – up close and personal. While I didn't realize at the time how much some of those things up close could kill you, (that's not why I never became an astronaut by the way). It was testament to the idea that it doesn't take much to be inspired by what's going on beyond our blue marble. We've all been that kid with the glow-in-the-dark stickers on our ceilings—sitting in bed, staring at the stars and planets, their green glow trying to reach back at us. We've taken toy rockets over cereal bowls at the breakfast table and watch them land in our own milky way. We may have even been that child whose parents kept an incredibly expensive telescope out of our reach, forced to sneak in to our parents' room for a peak at what may be darting across the night sky.

I'm not a kid anymore, but I've noticed so many things in the news this past year revolving around space studies. Let's take a look ...

COMET ME BRO!

This past year was a big one for one comets. Comet 67P (also known as the Churyumov–Gerasimenko comet) was the comet that, for the first time in human history, had a probe land on it. Known as the Philae probe, and a major part of the Rosetta Project, it touched down November last year after a nervous, but excited, effort by European Space Agency researchers. The project was ambitious for two reasons: it was the first probe to orbit and land on a comet, and it delivered a lander to a comet's surface. The journey had been 10 years in the making, as the comet had launched in March of 2004.

#FIRST

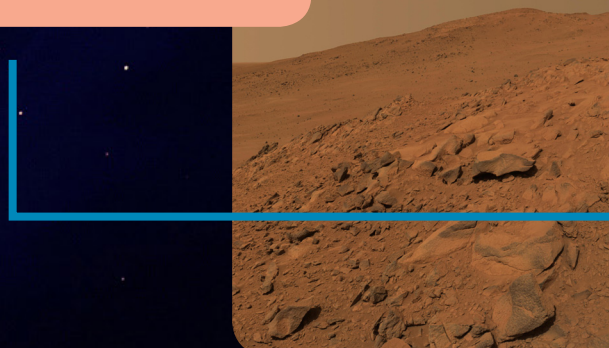
The Mars Orbiter Mission was meant to be an interplanetary effort. The spacecraft had been orbiting for just under one year when it was announced by the Indian Space Research Organization that it had reached Mars' orbit. What made this even more remarkable was that it made India the first Asian nation to succeed in this capacity, and they were the first to reach Mars' orbit in just one try. (Other programs like the Soviet Space program, the European Space Agency, and NASA were also successful but only after a number of attempts).



A true sign that space is heating up again? Hollywood cashes in with a slew of blackhole blockbusters. Star Wars: Episode VII anyone?

THE MARS MARRIOTT

Doctor Al Globus, who works as a NASA researcher, spoke out in September and said humans could be living on space settlements in the next hundred years. It came out of a paper he co-authored with fellow researcher Joe Strout. On his website, he believes it's possible for settlements to happen in low Earth orbits (about 500 to 600 kilometers from Earth), despite concerns of radiation. "This has profound implications for space settlement as extraterrestrial mining and manufacturing are no longer on the critical path to the first settlements, although they will be essential in later stages. It also means the first settlements can evolve from space stations, to hotels, and retirement communities in relatively small steps." Imagine spending the majority of your adult life here on Earth... and enjoying your last 20, 30, even 40 in space!



THE SPACE BETWEEN OUR EARS

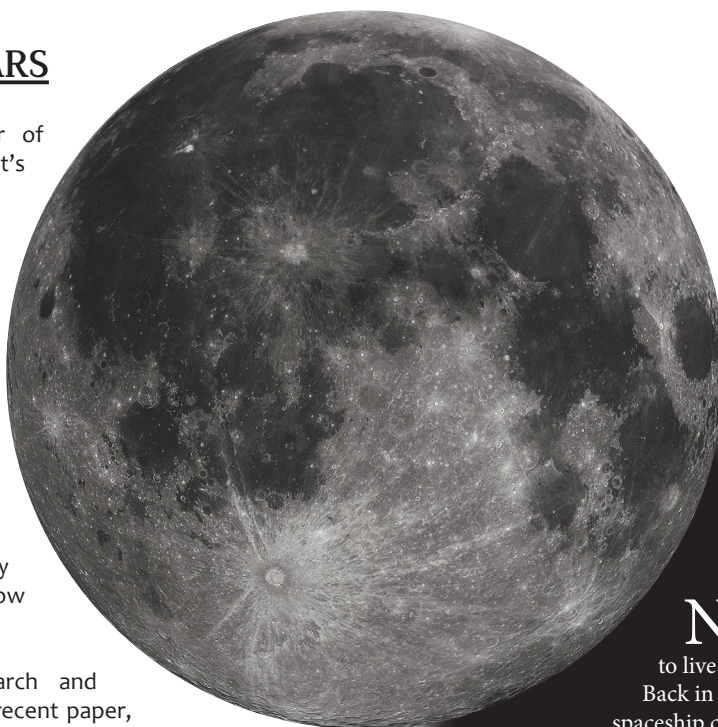
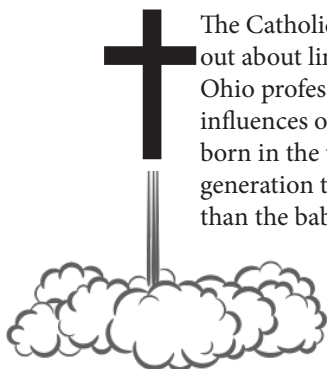
The H.R. McMillan Space Centre's Director of Community Engagement, Lyndsey Barten, says it's been an incredibly busy year for them.

"The influx of interest we've seen around space-related news and astronomical events this past year has been really exciting. With India's Mars Orbiter Mission making history in September and the Philae comet landing making history again just months after, people have really been reminded of what mankind is capable of and the importance of space exploration. At the Space Centre we've received an increase in calls and visitors interested in these events, and luckily we have the capabilities to constantly update our shows and presentations to show visitors the latest images and discoveries."

Schools too are expanding research and resources to look at our future in space. In a recent paper, Kerry M. Joels – the Curator of Future Studies for the National Air and Space – says it's not a discipline concerned with predicting the future, but rather using interdisciplinary approaches to help figure out where humanity can go both on this planet and beyond that. The discipline involves an array of approaches – from Math to History – even Journalism. A major recommendation? Simulation and role playing – you know, just in case we're on the verge of having to make the choice to send an entire fleet of people to live in space.

MOONWALKING on WATER

The Catholic Church's Pope Francis recently spoke out about links between science and religion. One Ohio professor, who headed a study about religious influences on space exploration, says Christians born in the times of Generation X and the Millennial generation tend to be less interested in exploration than the baby boomer generation.



SKYTRAIN MALFUNCTION

Not all of the dreaming, plotting and efforts to be able to live in zero gravity has been grand. Back in October, a suborbital galactic spaceship created by billionaire Richard Branson's Virgin Galactic crashed in a test flight. The unfortunate accident – that claimed the life of one of the two pilots – was confirmed in a series of tweets by the company. However, Branson said in a statement that the adventure wouldn't stop because of this. "Space is hard — but worth it," Branson wrote. "We will persevere and move forward together." And Branson seems to be right: none of the more than seven hundred people who put deposits down for the out-of-this-world flights revoked them after the incident.

SPACE ODDITY

Chris Hadfield — Canadian astronaut and the first canuck to walk in space — released a book this year called *An Astronaut's Guide to Life on Earth*. Touring voraciously, he recounted how he'd taken photos from space, and what it was like to look at the world from up above. Looking at his photos, and reading his descriptions, Hadfield arguably became more than just an Astronaut to the people of Earth: he became an artist, a visionary – painting an extra-terrestrial picture that the people of our generation and older will likely never be able to see.



THE ART OF CELLARING BEER

BY SIMON LITTLE

Ever had a beer that tasted like cardboard? That's a stale beer, one that's been left on the store shelf a few months too long. The golden rule: beer is meant to be drank fresh. Right?

Actually, not always. And hidden amongst you is a small secretive subgroup of beer geeks who cellar their beer. Yes, cellar—like with wine. I'm one of them.

My first beer cellar was a camping cooler in a crawl space under my old house. I'd climb under there clutching a couple of special releases, tuck them away, and a few months (or years) later they'd re-emerge with much fanfare, and some interesting changes.

So why would you want to do this? There are several reasons, but they hinge on the secret that some beers actually benefit from age. Rule number one is that it has to be strong. "I don't typically age anything unless it's over 9%," says Dustin Sepkowski, operations manager at 33 Acres brewing and beer cellar maniac. "Though I'd say anything over 7% is a safe zone. You've got kind of figure out how long you can age it for, and it's more or less a guessing game." Sepkowski knows what he's talking about. He keeps about 200 bottles stashed away.

As in many cases involving beer, there's complicated chemistry involved. Hops degrade, the yeast eats itself, and oxidization (the cause of 'cardboard' flavour in stale beer) happens.

"There are arguments among some brewers that this is basically a fault. What you're allowing is the beer to die and go bad. But a lot of guys just say that it changes. The hop presence goes out, the heat of the alcohol will sometimes balance out a little bit. It sort of comes to a nice medium level," says Chris Bonnalie, beer supervisor at Legacy Liquor.

And that's the key. Certain styles of strong beer - barley wines, imperial stouts, Belgian strong ales - can have extreme flavours when fresh. Left to sit a while, those flavours can mellow and blend together, creating something entirely different.

"There's that special zone of when it's ready," says Sepkowski. "Those really harsh hop flavours that a lot of us enjoy have completely mellowed out and become quite floral and fruity... so you have this big beautiful barley wine that over years become more characteristic - rich and toffee and thick."

For many who cellar, it's about the fun of experimenting. "There's a certain group of people who really enjoy being able to do a vertical tasting," says Chris Bonnalie. Vertical tasting is trying beer from multiple years next to each other to see how they've changed. "They'll buy two bottles. One for drinking, just to try that year, and one to put away. Or sometimes they'll put away three or four," he explains.

Personally, I love the experimental aspect. I've thrown all sorts of random things into my cellar just to see what happens, with varying results (Spoiler alert - IPAs get worse as the hops fade).

Then there's the social element. "Sharing," says Sepkowski, "that's the fun part about cellaring. To find other friends that have cellars and share, exchange... You make a cool accomplishment and share it with others, and they share it with you."

And that's one of the best aspects of cellaring beer - it's accessible to everyone. Let's face it, most of us can't afford to cellar wine, even if we wanted to. A bottle good enough to keep is probably pushing \$100. But a bottle of beer ready for the cellar usually comes in at the \$10-20 mark.

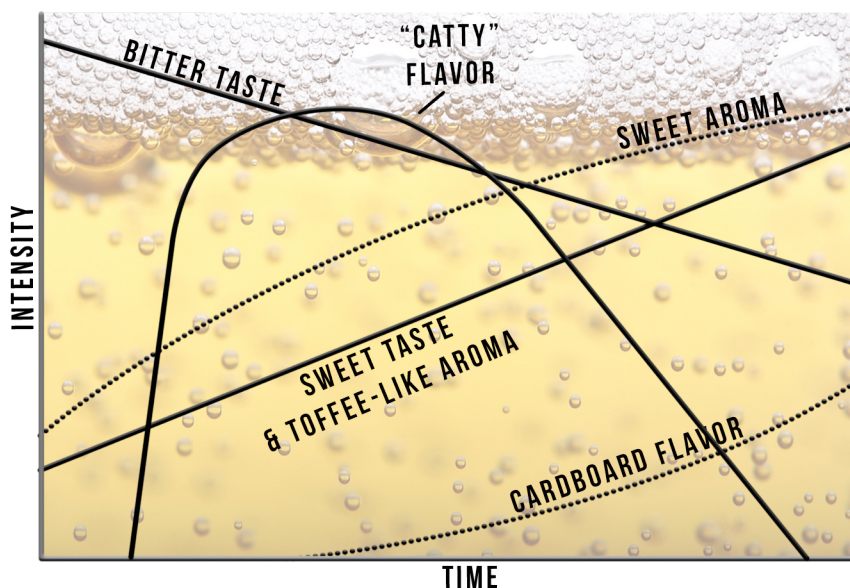
So why not give it a go? Start small, find a dark cool corner of your house, and sock a couple of big beers away. In a few years, you might just find yourself a connoisseur.

DO

- ✓ Keep it at a cool, consistent temperature
- ✓ Pick beers over 7%
- ✓ Research! Sites like Ratebeer.com share others' experiences
- ✓ Share!

DON'T

- ✗ Cellar IPAs
- ✗ Let it sit in direct sunlight
- ✗ Lay the bottles on their side
- ✗ Wait forever. Those beers are meant to be drank.



The New Year means new beginnings; resolutions in the hopes of keeping happy minds, bodies, and souls. If you've been searching for a way to do so, then body cleansing and detoxification just might be your match. We all have different body types, so it's important to consult a doctor before embarking on the journey of detoxification. There are hundreds of cleanses out there, and just as many myths and risks, which is why the juice cleanse stays number one on my list as a safe and nutritional way to jumpstart your healthy lifestyle. We had The Local Lift Juice Bar manager Jacqueline Doll give us the juice.

by Safeeya Pirani

CLEANSE

What Is It?

A cleanse means drinking fresh juice made from fruits and vegetables for nutritional purposes, and not consuming other forms of food for a given time period. Typically you start with a pre-cleanse, where you eliminate certain food products and drink a set amount of water a day. During the cleanse, you will typically have a glass of water in the morning and only focus on having juice throughout the day. The post-cleanse is when you slowly start adding back healthy foods, for example greens on day 1, nuts on day 2, and grains on day 3. This way you are giving your body time to adjust into and out of the detox.

Why Is It Popular?

Juice cleanses are popular because it's much safer than other extreme diets and techniques, where you could potentially end up harming your body. Juice cleanses are made completely from raw fruits and vegetables, so you are flooding your body with essential nutrients and minerals instead of starving yourself of them. "January of last year was definitely a very busy time for us, when people were coming in to start off the New Year as healthy as possible.

What Are The Benefits?

There are many mental and physical benefits to this cleanse including boosting your immune system, improving the condition of your skin and hair, reducing your body toxicity level, and increasing energy. Many of our clients say they feel an overall improvement in their mind and body awareness as well. It can facilitate weight loss, but again this is done in a healthy way rather than the intake of pills and unsafe methods.

Most Popular Cleanses?

We have a great selection of natural juices, and smoothies that are made fresh daily. Our most well known juice is The Go Green that is made of apple, cucumber, ginger, celery, lemon and kale. We have an upcoming Spring Juice Cleanse that can be done for 3 days, or even up till 10 days. Each day you consume 6 fresh pressed 16-oz juices, 2 herbal teas, 1 hot master cleanse drink, 1-cup vegetable broth, 2500mg of spirulina, and one lemon.

TRENDS



Sometimes you don't want to kill the battery on your phone, and perhaps a crazy expensive music player isn't in your budget (maybe after blowing most of it on tuition). We've got a handful of recommendations for you.

by Jon Hall and Ria Renouf

Hipstreet 4GB (\$19)



This one's more about the presence (it comes in a lot of different colours) with a design that'll take you back to the late 90's. Loads music via USB port, and can charge the same way. Be warned: it doesn't have a hold switch, so you'll have to watch for accidental switch-ons.



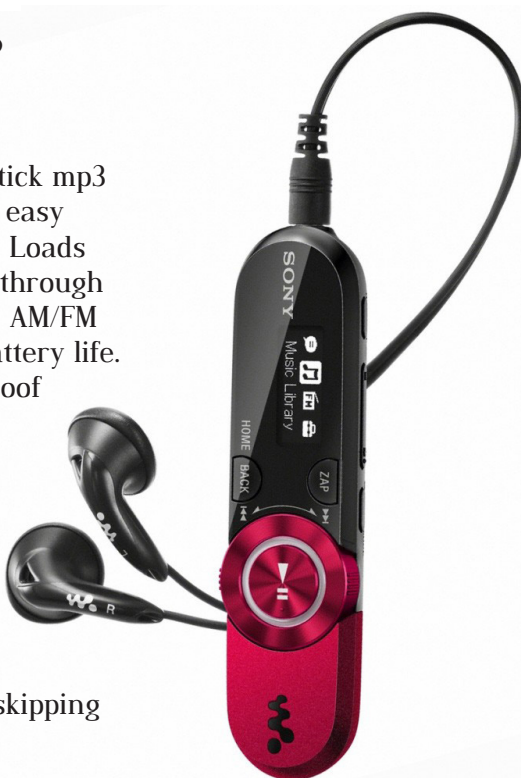
Sony Walkman 4GB Waterproof *black* (\$89.99)

These are great for anyone into sports, as they are waterproof and resilient. They're made for swimmers and great for runners, though some have said the provided swimming ear buds muffle the music while in the water – though using them while swimming is up to you.

Three minute charge for sixty minutes of use and it's a single cord for both charging and loading the player with music. One year warranty.

Sony Walkman 4gb *black or red* (\$39.99)

Another standard stick mp3 player with a clear, easy to read LCD screen. Loads music and charges through its USB port, has an AM/FM tuner, and 18h of battery life. Just like its waterproof counterpart, a 3 minute charge will get you at least an hour of playback. Just watch out for the 'zap' button, which will start playing song intros before skipping to the next.



Sony Walkman 8gb *black or red* (\$79.99)

Unlike its 4gb brother, the 8 and 16gb models have full colour LCD screens(!) and boasts a lyric -streaming karaoke mode so you too can have your own personal karaoke party on the bus. That is not a joke – this baby will accept .lrc files and stream lyrics in time with your own music, provided you actually know how to do that.





/linkbcit

SOCIAL MEDIA 2014



@linkbcit

Last year was a big one for social media. Whether you're active on Instagram or obsessed with Tumblr, we're here to give you a rundown of what happened online the past year.

by samantha pinter-thompson

Celebrity Obsession

When they weren't busy walking down red carpets, stars were creating major buzz online. A prime example is Ellen DeGeneres who, when hosting the Oscars back in March, took a selfie with several A-list actors. The funny woman posted the pic to her twitter account and it was retweeted over 3.3 million times, breaking several social media records.

Another internet starlet is Kim Kardashian, who had the most followed account on Instagram in 2014. Kardashian continued her reign as social media queen in November when *Paper Magazine* published her on their cover, showing off her well-endowed posterior with the caption "Break the Internet." We're happy to report that the internet is still up and running.

Charity Initiatives

This past summer the ALS Ice Bucket Challenge dominated news feeds. Numerous high profile celebrities took part in the challenge, filming themselves dumping ice water over their heads and nominating others to do the same. The Ice Bucket challenge was the 5th most searched topic of the year on Google, and the ALS association has reported receiving over \$115 million in donations since the end of July.

It was also the 30th anniversary of the charity single "Do They Know It's Christmas" which Band Aid reprised in November to raise money for the fight against Ebola. Over 20 high profile artists lent their voices to the track, which has since been viewed on YouTube almost 7 million times.

Online Advocacy

In April 276 girls were kidnapped from a Nigerian boarding school by militant group Boko Haram. The event created international outrage and sparked the hashtag #BringBackOurGirls, which was tweeted over 3 million times globally. The online campaign made the world take notice, but unfortunately the 219 young women who were not able to escape and remain missing.

People took to social media again in December to express their outrage following a terrorist attack on a Pakistan school. Nobel Prize winner Malala Yousafzai made a statement condemning the attack saying that she is "heartbroken by this senseless and cold blooded act of terror in Peshawar." The statement was posted to the official Twitter account of The Malala Fund, and fuelled the hashtags #PakistanSchoolAttack and #PeshawarAttack.

Throughout 2014, many also used the internet as a platform to speak up about the protests in Ferguson and the fallout from the Michael Brown decision. Ferguson was one of Facebook's top 10 most talked about topics of the year, and the protests were tweeted about more than 18 million times.

The hostage crisis which occurred in Australia this December spawned the social media hashtag #illridewithyou to combat Islamophobia and promote tolerance in the wake of an individual's act of terrorism. The hashtag literally and metaphorically offered people wearing religious dress companionship and safety while riding transit, and was tweeted over 100,000 times.



2015?



@thelinkmag



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Glendale Arizona will be the host of Super Bowl XLIX (49). Many people will probably be excited to escape the cold weather winter brings to most of the United States and head to Arizona where the average temperature in February is about 25 degrees Celsius. While the date and venue are certain, what isn't certain is what two teams will be facing each other on February 1st.

Will it be Tom Brady and the New England Patriots who are itching to return to the Super Bowl? Could it be the defending champion Seattle Seahawks with Russell Wilson and the Legion of Boom? Maybe even a rematch of last year's match between Peyton Manning and the Denver Broncos and Seattle. How about the surprising Dallas Cowboys, although Tony Romo has a history of choking in big games. Aaron Rodgers and the Green Bay Packers are also in the mix. Although it's hard to tell right now, a few teams stand out from the rest. The Seahawks have been on a tear lately and are regaining the form that won them the Super Bowl last year. Dallas also looks very strong as of late and winning when it counts. The

Patriots as well always look to be strong competitors come playoff time and look that way this year.

While many watch the Super Bowl for the game itself, plenty of viewers turn to the Super Bowl for the infamous commercials that happen every year. But besides those two popular elements, there's also the Pepsi Super Bowl halftime show. This year's performer is "This Is How We Do" hitmaker Katy Perry. Perry has had major success in the last few years, from releasing her movie titled *Katy Perry: Part of Me* to her recent album *Prism* – which she's also currently on a world tour promoting. While some may not be too excited for Perry to perform, she does know how to put on a show. She came to Vancouver in September and played two sold out shows at Rogers Arena and has had no trouble filling seats on the rest of her tour.

Perry gives the NFL what they want: a major star who will gain them attention. All of Arizona and the millions of viewers who turn in to the Super Bowl every year will certainly hear her "Roar".

— Jessica Fedigan

2011



BLACK EYED PEAS

Cowboys Stadium
Arlington, TX

Problems arose from the beginning, with the group looking awkward and not really knowing what to do. They started off with "I Gotta Feeling" when suddenly Fergie's mic cut off. From there on out, it was issue after issue. From technical difficulties, to Fergie's subpar performance, it wasn't a night to remember for the Peas.

2012



MADONNA

Lucas Oil Stadium
Indianapolis, IN

There were many performers for this halftime show, however the main attraction was Madonna. Madonna's performance itself was pretty spot on, but she also ran into a bit of controversy. While performing "Give Me All Your Lovin'" with Nicki Minaj and M.I.A., M.I.A. appeared to finger the crowd during her solo. That gained negative backlash, with Madonna herself even speaking out afterward stating she was not impressed with those actions.

2013



BEYONCÉ

Mercedes-Benz Superdome
New Orleans, LA

This may be, perhaps, one of the greatest Super Bowl halftime shows in recent memory. None other than the Queen 'B', Beyoncé. Beyoncé had the crowd electrified from the opening song of "Run the world" followed by "Love on Top". For months before the show, there were rumours of a reuniting of Destiny's Child. No one knew for sure what to expect until they appeared from the bottom of the stage. That set off the rest of the party.

2014



BRUNO MARS

MetLife Stadium
East Rutherford, NJ

This one seemed like an odd combination, and it appeared that way on stage. Mars stole the show with many of his chart topping hits from the previous year and a half. Controversy followed the Chilli Peppers. They performed their hit "Give it Away," but some people noticed their instruments were not plugged in, sparking questions of the performance's authenticity. The Chilli Peppers later released a statement saying that given the time restrictions, they and the NFL had agreed to pre-record the instrumentals but that vocals would be live.

Jean Beliveau: A Class of His Own (1931-2014)

The late Montreal Canadiens' legend Jean Beliveau leaves a legacy that stretches far beyond his accomplishments in hockey. Beliveau was first noticed by the Canadiens at age 15 when their general manager at the time, Frank Selke, got him to sign a "B-form," meaning if he ever decided to turn pro he would have to play for the Habs. Beliveau became a star in the Quebec Senior Hockey League with the Quebec Aces, and when he didn't show much interest in turning pro, Selke and the Habs bought the entire league. Now although not part of the NHL, the QSHL became a "minor pro league," forcing Beliveau to join the Canadiens. I would think Selke and company didn't regret that investment.

Jean Beliveau would spend the next 18 seasons playing for Montreal, his last 10 as their captain. His accolades include winning 10 Stanley Cups as a player, an Art Ross Trophy (1956), two Hart Memorial Trophy's (1956, 1964), and the inaugural Conn Smythe Trophy (1965). His #4 jersey was retired in Montreal in 1971 and he was inducted into the Hockey Hall of Fame the following year. After retiring in 1971, Beliveau stayed with the Canadiens as an executive; in this time the team won seven more Stanley Cups. His combined 17 Stanley Cups is a record that likely will stand the test of time.

Being an icon as a player, and also an icon as a humanitarian, is the virtue that sets Beliveau apart from hockey players of any era. Beliveau was a Grand Officer on the National Order of Quebec, and was made a Companion of the Order of Canada. His name is on Canada's Walk of Fame and his face has been on Canadian postage stamps, among other honors. He also set up the charitable Jean Beliveau Foundation following his retirement as a player, and in the 1990's he declined positions offered as a senator (twice) by Brian Mulroney, and later as Governor General of Canada by Jean Chretien.

Beliveau passed away peacefully in Quebec at age 83 on December 2, 2014. His passing came nine days after the hockey world lost Pat Quinn, who spent a lot of time in Vancouver – a player, general manager, president and coach for the Canucks at different periods, and later a part owner of the Vancouver Giants.

— Colton Davies

SPORTS

WOULD THE REAL CANUCKS PLEASE STAND UP?

As the mid-point of the NHL season fast approaches, I keep asking hockey fans, "Are the Canucks a better team this year than they were last year?" For the most part, it's been a landslide victory for the "Yes" column (usually with a few harsh jabs at the lifeless career of John Tortorella thrown in for good measure). As a journalist, however, I get paid to be skeptical of popular opinion (which is a nice way of saying that I'm right and all of you are wrong) and I'm not so sure that the Canuckleheads are a far superior team to last year's edition.

At the time of this article's conception, the Vancouver Canucks find themselves in a dog-fight for a playoff spot, sporting a winning record and a positive goal differential. At the end of December in last season, the Vancouver Canucks found themselves scratching and clawing their way up the standings into post-season positioning. Also with a winning record. Also with a positive goal differential.

There's plenty to be said that this team has amassed one of their best collections of prospects in team history, and the future could not look any brighter. But the Sedins aren't getting any younger, and until the NHL starts drafting grown men as opposed to teenagers, prospects will always be a gamble on success down the road. Until then, all we can do as fans is to sit with our fingers crossed that Kevin Lowe doesn't join our organization.

— Jared Featherstone



'CAPS USL TEAM GREAT FOR CANADIAN SOCCER Building a farm team in Vancouver can only help the Whitecaps

The announcement by the Vancouver Whitecaps to house a United Soccer League (USL) team here in Metro Vancouver is not only a boon for the franchise, but also to soccer all across the country. Having a team that can be used to develop talent will greatly help the MLS side of the club. Another team and roster to fill will allow for more opportunities for Canadian born players to play professionally and locally, says head coach of the Simon Fraser University men's soccer team Alan Koch said.

"It is a great idea, as it gives the guys not getting minutes in the MLS an opportunity to develop in another professional environment... More opportunities for Canadian players to play professionally, is a good thing for Canadian soccer."

With SFU being the only Canadian school in the NCAA, it gives the Clan players a leg up over their other Canadian University counterparts. Under MLS rules, clubs can only draft players from NCAA programs, which means SFU is the only school in the country that can have players selected. Now with another professional team in the area to play for in the future, says Koch it makes SFU that much more marketable when recruiting. "It gives our guys another avenue to take their game to the next level."

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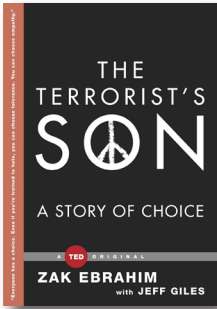
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READ



Zak Ebrahim
simon & schuster/TED

Zak Ebrahim's *The Terrorist's Son* is a depiction of hope and choice for people raised in a toxic environment. The story starts and unravels with the core facts: Ebrahim—originally Abdulaziz Nosair—explains that he is the son of El-Sayyid Nosair, the man involved in the killing of a well known right wing Jewish activist in 1990, and the 1993 World Trade Centre explosion. His father, according to Ebrahim, was also one of the men responsible for the fall of the two towers in 2001. After presenting this revealing and important fact, he recounts the circumstances that led to both incidents, and their effects on him and his family.

Ebrahim lived in the poorest conditions and was bullied for most of his childhood by peers and his own stepfather. He was harshly subjected to social prejudice and judgment until he decided to change his name.

Still, Ebrahim opts to live a life free of hatred and violence, turning away from following his father's footsteps. He instead lives a life of acceptance of people of other cultures, religions, and of course sexual orientation; a life reinforced by his mother's striking quote: "I am so sick of hating people."

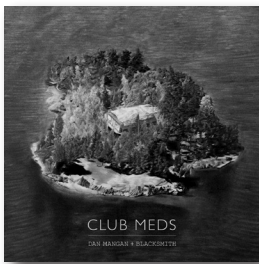
UNDER REVIEW

The book allows readers to realize that sometimes we do not know how much hatred comes from diverse religions and cultures. We spend our lives trying to change others in fear of their differences from us that we forget to love and accept each other.

This book is the easiest and fastest 96 pages I've ever read, perfect to read in one sitting. It's ideal: to understand the idea of love, reminding us of the concept of tolerance no matter the race, culture or religion.

- Karime Kuri

LISTEN



Club Meds
Dan Mangan + Blacksmith
(arts & crafts)

When I saw Dan Mangan perform in Maple Ridge in 2010, it was clear he was taking a step away from his folk-stomping tunes and steering towards a whole new musical sound. Five years later, the 31-year-old has two Juno Awards, a newborn child, and a highly anticipated fourth album *Club Meds*. The album's sound as a whole reminds me of a score to a steampunk film set in 1800s London. It's got that dark, rain on the window mood that's unafraid to tell you the future is bleak.

You know when someone suggests a good book, and they tell you it's "a hard read?" Well this is that 'book,' a well thought-out, wordy, and tragic tale of a father in a world of social undertow – struggling to break free from being a statistic. Yes, Mangan is known to sugarcoat his political ideologies as indie rock songs, and yes, he sometimes spoon-feeds them to you – but Dan is singing about things that matter. But this record isn't all about tragedy and slightly inkhorn-thespian black and white boo-hoo. It has a unique

progression that starts off hopeful, proud, and noble – an intoxication of detoxing epiphanies amidst new found concepts of life. Listen to the album's single, *Vessel*, and you'll feel a breath of fresh air that is far from derivative. Catch a cold with *Club Meds*, settle down for a wet January morning, and listen to Dan Mangan enlighten you with a batch of beautifully haunted, curious, and thoughtful songs.

- Calvin A. Jay

WATCH



Into the Woods
(dir. rob marshall)

Rob Marshall's big-screen adaptation of the award-winning Stephen Sondheim and James Lapine Broadway musical *Into the Woods* shines through. Sondheim's music and lyrics seem to flow effortlessly making it easy to follow the twining plot of familiar tales of the brother's Grimm classics; *Cinderella*, *Jack and the Beanstalk*, *Little Red Riding Hood*, and *Rapunzel*. The story centers on a baker and his wife trying to hastily lift a witch's curse from their home that denies them a child, while encountering other fairytale characters.

With a star-studded cast featuring Meryl Streep, Anna Kendrick, Emily Blunt, Chris Pine, and Johnny Depp there is no loss of talent as we've seen most of these names perform quite well vocally in other films. Streep, Kendrick and Blunt dominate their leading roles, while Depp reminds us of his amazing performance we heard in Sondheim's *Sweeney Todd: the Demon Barber of Fleet Street*, he almost steals the show until we meet Chris Pine. When the movie takes breath from the

clever and catchy lyrics, the dialog is charmingly witty. Pine plays the main prince in the movie that has all the dashing qualities of the stereotype, and the comic relief to carry us along. Despite being a little lengthy, some might want to wait for home viewing for a break, and whether you've seen the musical, love the lyrics, enjoy a good mash-up, or just want to see more Anna Kendrick, *Into the Woods* is a great Disney Christmas release for the whole family to enjoy.

(4/5)

— Joey Wilson

The Indie Beat

w/ Mat Paget

There's a lot more to videogames than just Call of Duty and Grand Theft Auto, but most people don't realize that. I'm here to introduce the unaware masses to a type of game that's setting the world on fire, whether it knows it or not: the indie game.



in those *gangsta rap* songs the kids seem to like so much, except with cowboy hats and horses. But forget about that and remember this: *Secret Ponchos* is the most fun I've had in multiplayer in a long time.

Never trust anyone who owns a whip and says they have a secret for you. I have neither of those, so let me tell you something: *Secret Ponchos* is one heck of a fun game. A multiplayer shooter set in the Wild West (and developed in Vancouver), *Secret Ponchos* is a seemingly simple game—you move a character around in an isometric perspective, point your right analog stick in any direction, and shoot. Spend some time with it however, and layers of strategy start to reveal themselves. Each character has a different loadout, granting them different abilities; Phantom Poncho brandishes a whip, which will stun enemies before he goes in with his shotgun for the kill. Using your stamina meter to dodge out of the way of attacks is critical.

And thus, you need to know when to pick your battles. You run out of ammo quickly, so retreating to reload is vital -- if you've used all your stamina to chase down an enemy, retreating will be a lot more difficult. Sneaking into a duel between two people to pick them both off is a strategy I found pretty useful. Sure, it's not the most honourable way to win a fight, but we're supposed to be outlaws here. Pistol-packin', bounty-burdened outlaws. The kind you hear about

For more on what's hot in video games, follow @MatPaget on Twitter.

SECRET PONCHOS

(switchblade monkeys entertainmnet)
STEAM / PS4

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