



Fight the lockdown!

Page 2



Natural Log liberated, replaced by lawn

Page 6




EngPlay madness (we mean it!)
















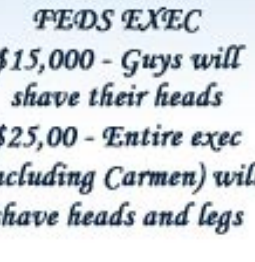
Page 9

Check us out @ <http://iwarrior.uwaterloo.ca/>

## EngSoc Kicks Off Cancer Fundraiser

All proceeds go to the  
**Canadian Cancer Society**



	<i>Sue Gooding, Operations Manager Shave Head \$25,000</i>		<i>Colleen Bernard Eng UG Office Shave Head \$20,000</i>
	<i>Glenn Heppler SYDE Chairman Wax Legs \$15,000</i>		<i>Rob Gorbet ECE Prof Shave Head/Beard \$15,000</i>
	<i>Daniel Miller ECE Prof Shave Head \$10,000</i>		<i>John Thistle ECE Prof Shave Head \$5,000</i>
	<i>Chris Clark Mech Prof Shave Head \$5,000</i>		<i>Karim Lallani EngSoc Prez Shave Head \$10,000</i>
	<i>Ken Hanes EngSoc Exec (new and old): \$10,000 - Guys will shave heads \$15,000 - Guys will wax legs</i>		<i>Michael Tersigni MathSoc Prez: Shave Head \$10,000</i>
	<i>Dan Arnott IW Editor: Shave Head \$15,000</i>		<i>John Anderson, Prez</i>
	<i>Lawrence Lam, VP Int</i>		<i>Howie Bender, VP Ed</i>
	<i>Carmen Lam, VP Fin</i>		<i>FEDS EXEC \$15,000 - Guys will shave their heads \$25,00 - Entire exec (including Carmen) will shave heads and legs</i>

Just pick up a pledge form from the Orifice and start collecting pledges from your family and friends. To shave your head, all you need is a minimum of \$25 in pledges or an individual donation of \$10. There will be amazing prizes given to the top 3 fundraisers, and there will also be prizes given to students who raise over \$100. Pledge forms are due in the Orifice @ 4:30 p.m. on November 25th. If you're not interested in shaving your head, pledge someone or come to the CPH foyer during lunch hours (11:30 am - 1:30 pm) and make a donation. The donations table and head shaving will be going on during lunch from November 14th to November 25th. As a special bonus, you will be given a limited edition axe body spray bottle for every \$20 you raise/donate! Also, you will be given an official tax receipt for donations \$20 or over.

List of faculty, staff and students that will be shaving their heads and/or waxing their legs for this amazing cause.

### Faculty/Staff:

- John Thistle, ECE - \$5000
- Chris Clark, MECH - \$5000
- Daniel Miller, ECE - \$10,000
- Rob Gorbet (Head + Beard), ECE - \$15,000
- Glenn Heppler (Wax legs), SYDE - \$15,000
- Colleen Bernard, Eng Undergrad Office - \$20,000
- Sue Gooding, Dean's Office - \$25,000

### Students:



- Karim Lallani, EngSoc Prez - \$10,000 (head) and \$15,000 (wax legs)
- Ken Hanes, EngSoc VP Ed - \$10,000 (head) and \$15,000 (wax legs)
- New EngSoc Exec Guys - Same as above
- David Johnson, EngSoc VP Finance - \$15,000 (wax legs)
- Dan Arnott, Iron Warrior Editor - \$15,000

WEF TAs - Various amounts

FEDS Exec - \$15,000 (guys will shave their heads) and \$25,000 (all exec including Carmen will shave their heads and they'll all shave their legs)

AND another 50-100 engineering students in multiple disciplines.

*This fundraiser has been organized in honour of Rob Staruch (left) in 3B Computer Engineering and in memory of Vince Fazari (right) of the Systems Design Engineering Class of 2006.*

*Please make a donation in the CPH foyer during lunch hours (11:30 am - 1:30 pm) to support this wonderful cause. All donations and pledge sheets must be in by November 25th.*



Unfortunately, Rob Staruch from the 3B Computer Engineering

class was recently diagnosed with cancer. Luckily, the cancer was caught in the early stages so I wish him a speedy recovery as he's currently undergoing treatment in Windsor. My good friend Vince Fazari passed away from cancer on March 25, 2004. So, I've organized this fundraiser in support of the Canadian Cancer Society in honour of Rob and in memory

of Vince. The goal is to raise over \$25,000! Cancer is a disease that has affected almost everyone, because it is the leading cause of premature death in Canada. All proceeds for this fundraiser will be given to the Canadian Cancer Society and will be flagged for research use only.

How can you help? Shave your head or donate 10" of hair!



# Don't Lock Me Down !



**DAN ARNOTT**  
EDITOR-IN-CHIEF

First, I'd like to express my regrets at the untimely death of Geological Engineering student Kenton Carnegie on work term in Saskatchewan. Everyone at the Iron Warrior, myself included, would like to express our sympathy to his friends and family.

Always something due: labs, assignments, design projects, work reports, work report presentations, work report resubmits, and the like. It's things like these that keep us up all hours of the night... well, these and drinking. Fortunately, there's always somewhere to do these things: the engineering buildings.

No matter what the hour or the day, we feel confident that we can walk into the halls we know so well and get to work. Late-night study sessions in deserted classrooms, fixing those few errors in the HELIX lab as the wee hours roll by, drafting those plans by the light of the silvery moon because we don't have AutoCAD on our own computers, or even sneaking in before classes to finish the assignment. You know these things as well as I do, fellow students. They are important to our wellbeing as students, as they should be, since we paid for them with our tuition.

And they are about to be taken away from us. No, not just us. Every student on campus will lose access to their own buildings once the winter term rolls around.

I recently received an e-mail from A-Soc president Nick Lawler, and due to its serious nature, I have temporarily suspended the A-Suck jokes. Apparently, due to a spate of recent break-ins, UW Police are considering implementing a lockdown on all campus buildings from 11pm to 7am. Although nothing is concrete, this is being taken very seriously, and may be implemented in the Winter 2006 term if nothing is done about it.

This information comes via FEDS

president John Anderson, who has apparently discussed the matter with Alfred MacKenzie of UW Police. There's talk of implementing a card-access system or leaving one door per building open, but the end result will invariably be an outrageous restriction of student rights and resources.

Needless to say, this must not be allowed to happen. As is too often the case in the university community, a few bad apples are ruining things for everybody. Just look at what happened in Guelph recently. For the benefit of their students, Guelph Transit ran a late-night bus service from downtown to campus for bar-hopping students. This had been going on successfully for several years, and saved many a dollar on cabs. I rode the 'Magic Bus' once- it's a good idea. But a few weeks ago, some ungrateful miscreant punched out a bus driver, and the service has since been suspended, possibly for good.

The difference here is that the bus service was nice but non-essential, whereas the entire academic component of our education, for which we pay thousands of dollars a year, is centred around these buildings. If we cannot get into them and access their resources, what good are they to us? It's not as if university students can be expected to keep bankers' hours with our educations, especially with the intense workload we're accustomed to.

What does it say about our university if we have to be locked out of our own buildings because of a few malefactors? Nothing good, that's for certain. It's a rather depressing thought. Is it getting to the point where educational institutions like ours must be locked, barred, and bolted? In Canada, nonetheless.

Imagine, if you will, the situation which will likely result from these actions. First and foremost, students will not be able to access the resources to which they are entitled on their own time. Computer labs will become incredibly crowded during daytime hours and virtually deserted through the night, wasting many valuable machine-hours which would otherwise have been utilized. We, the students, will have to become clock-punchers, always living in fear that if we do not get into the buildings by eleven every night we will miss out on the opportunity to complete that big

assignment or finish that lab. Our freedom to determine our own schedules will be severely restricted. We are told from the first week we arrive that our academics are in our hands, and it is up to us to make use of our time as best we can. This will become exponentially more difficult if the same administration that tells us this is forced to lock us out of our own buildings every night by an 'order from the top'.

Will leaving one door open, as is sometimes done on weekends, solve this problem? Logistically, it will. But students know when they're being locked out, and the psychological and social implications of these actions will remain, sowing the seeds of bitterness and resentment.

As for a key/card access system, you can forget it right now. Students will not stand for anything so stentorian. We will not be made into clock-punchers in a literal as well as metaphorical sense. We are adults, and will not be subjected to such a condescending and demeaning system as that.

Access to our university is important. The more it is restricted, the more the idea that students are second-class citizens is perpetuated. This will do nothing to reduce break-ins and vandalism, it will only increase the stereotype of students as undesirables. Chances are students will feel that they can do nothing but grow into that stereotype, and damage will likely increase. If we are locked out, we will become more detached from UW, if that's possible. The phrase 'university community' will mean even less, as many of us already feel that our interests are secondary to those of the administration and corporate sponsors of this fine educational institution.

To my fellow students, we must not stand for this. We must protest it and stop it from happening however we can. I encourage you to communicate with the FEDS and UW Police and let them know that we are against being locked down.

The Beatles really had the right idea: "All we are saying is give peace a chance", "All you need is love." Well, I encourage everyone to "Come together right now" and join in the defiant refrain we all must sing in this situation: "Don't lock me down... don't lock me down!"

## IRON WARRIOR

The Newspaper of the University of Waterloo Engineering Society

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# the iron warrior magazine

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If you want to contribute ANYTHING AT ALL,

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The Iron Warrior is a forum for thought provoking and informative articles published by the Engineering Society. Views expressed in The Iron Warrior are those of the authors and do not necessarily reflect the opinions of the Engineering Society.

The Iron Warrior encourages submissions from students, faculty and members of the university community. Submissions should reflect the concerns and intellectual standards of the university in general. The author's name and phone number should be included. All submissions, unless otherwise stated, become the property of The Iron Warrior, which reserves the right to refuse publication of material which it deems unsuitable. The Iron Warrior also reserves the right to edit grammar, spelling and text that do not meet university standards. Authors will be notified of any major changes that may be required.

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## Ask the Bearer: Iron Warrior Exclusive

*I was reading through old year-book and noticed pictures of strippers in POETS. When the hell did this stop?*

As you may know, the administration has a long standing policy of "deballification", where the aim is to graduate engineers with little to no balls. Removing strippers and BOAT racing from POETS was the start, with many more attempts to suck the life out of engineering observed. We Bearers are engaged in an alternate policy that you may dub "ballification" wherein we attempt to hear the glorious "pop" of a former sheeplike engineer's balls actually dropping.

*I'm a first year engineer and I find it really hard to wake up for class. What should I do?*

The answer lies in time management. This simple principle will make your life at Waterloo far more organized and rewarding. Begin by throwing out the day planner you were given as a frosh. Next, go out every night and drink as much as you can. Ensure beer goggles are in full effect, and make sure to bring home any member of your preferred sex. You want to be as indiscriminating as possible. That way, the instant you wake up next to the hideous mistake of a companion you brought back, abject shock will wake you and ensure you run to class after a good long shower.

*I had a rough transition to university and fooled around with a few more boys that I probably should have. I've decided to turn a new leaf however, and be more respectful of myself and others. How can I accomplish this?*

Seriously, I thought I told you to stop calling me. We had our fun, and now it's time to move on.

*I'm having difficulties with the coop process. Any tips for a good interview?*

This calls for a Bearer Top 10 List. The Bearer's Top 10 interview tips are:

10. Set yourself apart from the pack by shaving your eyebrows.
9. If you find yourself getting stressed during the interview, relax with the smooth taste of a Marlboro.
8. Lie on your resume.
7. Hotbox the hell out of the phone interview booths.
6. Lie in the interview.
5. To avoid wrinkles, put on pants immediately outside interviewer's room.
4. Eyeshadow isn't just for women.
3. For good luck, only wear one outfit to interviews and never wash it.
2. Remember to ask female executives what happened to the male interviewer.
1. Develop a meaningful relationship with your interviewer by insisting on a goodbye hug.



## Meet Your New Exec!



Newly-elected EngSoc Executive celebrates at the Toronto pub crawl. Left to right: Adam Neale (VP Internal), Jen Carroll (President), Greg FitzGerald (VP External), Mark Truchanowicz (VP Education), Chris Olekas (VP Finance). Missing: Maria Arshad (WEEF Director).

## Good Times At TalEng



Top: The Baby Civs play the instruments they won at the EngSoc meeting. Middle: Truck and Shooby kick out the jams with an invisible Francis Hope on drums. Bottom: With Respect To Time. Photos by Steve Tufts and Ian Mackenzie.



DAN ARNOTT  
2B ENVIRONMENTAL

Another fun and successful TalEng took place on the night of Tuesday, November 8th at the Bombshelter pub. The turnout was fairly large, and all through the night the audience was enthusiastic and entertained. The MCs did a good job of introducing the acts, with plenty of humorous segues in between.

There were many highlights to the evening. Jason Rubie showcased his whistling ability. Yashar Behjat and Marius from France both had excellent solo performances on guitar. Shooby, Truck and Francis did some serious rock-in' out, and the group tentatively known

as the 'Three Stooges' played a wide selection of well-known hits.

One of the night's major events was the announcement of the EngSoc exec election results. Since there was only one race, there wasn't much surprise when most of the exec was announced, but the winner of the VP External position was Greg FitzGerald. The new execs proceeded to do a rap wherein they slammed the old, busted exec in an attempt to usher in their new reign with a show of goodwill.

The old execs took it all with good grace, and resolved to go out with a bang, got up on stage to juggle mustard bottles, beatbox, and tell jokes. They were received with a few jeers, but persevered with dignity.

The night finished off with yet another spectacular performance from UW's most prominent engineering jazz band, With Respect To Time.

## Winter Escapes



ALICIA LIU  
3B COMPUTER

At this point in the term, it seems like there are an endless stream of spirit-crushing labs, projects, exams, and assignments. To make it more bearable, why not plan a little vacation during the winter break? That would provide something nice to look forward to, especially if you're past 3A, and haven't lined up a winter exchange term to somewhere warm. Besides the usual places like Cancun or Florida that Canadian snowbirds flock to in the winter, there are also more exotic places to go, and it doesn't have to cost much more, but can provide a much more unique and rewarding experience:

Here are a few destination ideas you may not have entertained:

### Costa Rica

A veritable tropical paradise, a quarter of the land is protected rainforest and national parks, making it the ideal spot for eco-tourism. The mild subtropical climate translates to great weather year-round, with hardly any extremely hot or prolonged rainy days. You can do everything from swimming and lounging on the beaches, to hiking in the mountains, to observing the myriad of wildlife,

including sloths and poison-dart frogs. A bonus is that the country is not in political turbulence, unlike many of its neighbours.

### Europe

Although the winter is not everyone's ideal time to visit, except to ski the Alps (but why cross the Atlantic Ocean, when there are the Rockies on the West Coast?), countries like Spain and Greece are still sunny and warm. Especially since it's the off-season, the cost is less exorbitant. The rich history and exquisite cuisine make for a relaxing and culturally enriching experience.

### Travel Resources

Check out the websites [exitnow.ca](http://exitnow.ca), and the Last Minute Deals section of [www.travelocity.ca](http://www.travelocity.ca), which often have amazing deals if you're willing to go to somewhere with a few days notice. But this can definitely add adventure to your trip. Planning a good trip takes a little organization, and it always helps to brush up on a little of the local language, to avoid the American tourist syndrome. But if you don't have time during the school term, just pick up the Lonely Planet travel series title for that particular destination. Lonely Planet contains detailed maps, and has eating and sleeping suggestions to fit every budget, and is the bible of backpackers everywhere.

Adventure, sunshine, culture, now that's something to look forward to besides finals!

## Check Out CUTC!

### Canadian Undergrad. Technology Conference

RAHUL N. BHARDWAJ  
4B ELECTRICAL, CUTC CHAIR

Come attend North America's largest Engineering student run and organized technology conference CUTC! ([www.cutc.ca](http://www.cutc.ca)) The Canadian Undergrad Technology Conference is a unique 3-Day technology conference for Engineering students by UW Engineering students.

Top 5 reasons to attend CUTC :

#### #5: Get Motivated

Be a part of North America's largest student technology conference - network and meet with 600 like minded students who have a driving passion for the creation, education and application of cutting edge technology.

#### #4: Get Connected

Link up with technology and industry by attending our special events such as:

TechExpo - Featuring the innovation, research and current product lines of more than 35 companies and research institution such as Apple, Microsoft, EA, RIM, Bell, NI, Kaleidescape and many others!

Microsoft Pavillion featuring hands on demos of Xbox 360, Windows Vista and Visual Studio 2005!

#### #3: Get Educated

Learn from the renowned Professors and Industry Professionals by attending presentations, seminars and workshops with topics ranging from 'BioTech', 'Open Computing' and 'Nanotechnology' to 'Leadership in the Tech World', 'Tech Marketing' and 'Entrepreneurship of Technology'.

CUTC 2006 will feature seminars, tours and workshops by Apple, Mozilla,

ATI, IBM, MIT, Bell, CBET, Nortel, Ontario Genomics Institute and many more!

#### #2: Get Enlightened

Hear what some of the most dynamic leaders and gurus of today have to say about the future of technology through our 9 keynotes featuring: Mike Lazaridis (President, Founder and co-CEO of Research in Motion), Bradley Horowitz (Yahoo's Director of Technology Development), Brian Arbogast (Microsoft's Corporate VP, MSN Communications Platform, MSN and Personal Services Division), Craig Young (GE's Global Research Centre Program Manager (AE)), Dr. Bryan Karney (U of T Civil Engineering Professor and Visionary), and Werner Vogels (Amazon's CTO).

#### #1: Get a Hold of the Future

As an intellectual goldmine, CUTC 2006 is an opportunity to be a part of the future -to enrich your education, diversify your skills and most importantly enlighten your techie mind.

The details: CUTC 2006 will be taking place Jan 12-14, 2006 at [www.sheratonparkway.com](http://www.sheratonparkway.com). The registration fee is \$80 but subsidies from various departments make this conference largely discounted for many Engineering students. For example - ECE pays \$10 while Chem and Mech attend for free. For more info on subsidies at your school contact your local CUTC Ambassador <http://www.cutc.ca/2006/more/ambassadors.html> or checkout the subsidies page <http://my.cutc.ca/findsubsidies.php>

Registration is now open and spots are filling up fast so please visit [www.cutc.ca](http://www.cutc.ca) to register!

## UW Engineering Student Dies on Work Term

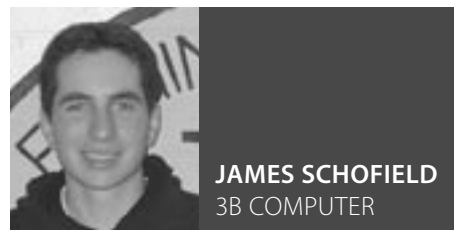
### IW NEWS SERVICE

Twenty-two-year-old Oshawa-native Kenton Carnegie of the Geological Engineering class of 2007 was killed while on work term in Saskatchewan. He was an enthusiastic EngSoc director as the TSN and EFD Director in A-Soc. Kenton was working for Sander Geophysics Limited ([www.sgl.com](http://www.sgl.com)) at the time.

The RCMP is investigating the cir-

cumstances of the death; they suspect that Kenton was attacked by wolves at Points North Landing near Wollaston Lake in northern Saskatchewan (450 kilometres northeast of La Ronge). If the suspicions are confirmed, this would be the first death as a result of wolf attacks in Canada for more than 100 years. Locals comment on the rise in wolf population but a decrease in the the population of their prey.

## So You Want To Get Out Of Here?



JAMES SCHOFIELD  
3B COMPUTER

What are you doing this weekend? Hiking through the alps? Clubbing all night at the Moulin à Dance? Or why not head for Paris? - it's only four hours away on the Train à Grand Vitesse, after all.

I'm in Lausanne, Switzerland for a term, studying at the Swiss Federal Institute of Technology, better known as l'École Polytechnique fédérale de Lausanne or EPFL. While the Fourier transforms and the software engineering are roughly the same, there's a world of difference between Waterloo and Lausanne.

Class finished on Friday at 11:00, so I took off for the afternoon and ventured

down to Geneva. I met up with Jacob, another UW student here, and we had plenty of time to wander around the waterfront, visit the United Nations and the International Red Cross, and then do some shopping downtown before catching a

train back home. I walked back to my residence and found my German and Swedish housemates fast at work in the kitchen, whipping up some rösti, a typically swiss dish best described as a sort of potato pancake. Some neighbours came over to eat with us, and we drank a few bottles of cheap wine while the conversation alternated between French and German.

From my home at Maison des Cèdres, I'm a stone's throw from Lake Geneva, with the French alps towering across the other side. Being located in the center of Western Europe, there's lots of places to visit, but with so much to do around Lausanne itself, it's hard to find the time to get away.

There are plenty of exchange opportunities for Engineering students, and the exchange web site at [www.eng.uwaterloo.ca/~exchange](http://www.eng.uwaterloo.ca/~exchange) is an excellent source of information. Unfortunately, there are still many common misunderstandings about exchanges, which I'll try to address here.

"I need to know another language to do an exchange." There are many exchanges with English-speaking schools. Obvious examples include England, Australia and Singapore, but even Lunds Universitet in Sweden offers almost all courses in English. Some French-speaking universities, including EPFL, offer a four-week

intensive French course for foreign students, which is often enough to bring you up to speed if you took French immersion through high school. Having said that, don't immediately rule out the possibility of learning another language. With some planning, you can take the required three language courses at UW before leaving, and you may be able to count some of these courses as CSEs toward your degree.

"It's too expensive to do an exchange." Most exchanges operate on a "home fee" basis, meaning that you pay normal UW tuition fees for your exchange term, and you owe nothing to the host university. Depending where you go, the cost of living may be slightly less or slightly more than in Waterloo, but in general you'll pay roughly the same for food and rent as you would at home. Therefore, the only extra cost to you is the cost of a plane ticket to get where you're going, and some extra money for traveling and sight-

seeing. To offset these costs, you can apply for an exchange scholarship, valued up to \$2000. However, a few exchanges, notably some of those in Germany, operate on a "host fee" basis, meaning that instead of paying UW tuition, you pay the tuition of your host

school, which is usually either free or extremely cheap. Doing an exchange to Germany could actually save you several thousand dollars compared to staying at UW!

"I'll miss a work-term if I do an exchange." Sometimes, the semesters at other schools don't start and end at the same time as in Waterloo. But there are many schools whose semesters do align with a Waterloo term, such as Lunds in Sweden and NUS in Singapore. Even with a semester that does not line up at all, for example the October to February term in Switzerland, you may be able to wrap it with two work terms of differing length: one from May to September and one for March and April. Generally, CECS will allow some flexibility in the length of work-terms for exchange students.

The key to a successful exchange is to plan well in advance. Figure out what courses are offered at the host institution, and arrange to take any courses that aren't available abroad in another term at Waterloo. It's also ideal to have a work-term for the term following your exchange lined up in advance before departing, to avoid the hassle of trying to apply for jobs while you're away.

Best of luck with your exchange, and bon voyage!

**"..doing an exchange... could actually save you several thousand dollars compared to staying at UW!"**

## Paris Is Burning... well, the Projects are



CHUN LAM  
4A CHEMICAL

It is early November, and every night since October 27, 2005, shades of orange and red glow in the night skies around Paris. However, this light show is not Bastille Day celebrations, nor is it New Years. It is the glow from the orgy of destruction of public property and automobiles by hordes of youths from the suburbs of Paris and other French cities. However, the majority of these youths have something much in common, ethnic roots outside of Europe, and they have begun somewhat of a rebellion against the status quo hierarchy of French society. For a nation based on the romantic ideals of the French Revolution of 'liberté, égalité, fraternité' (Liberty, equality, and fraternity for those who ne pas lire en Francais), who believed they were righteous in rejecting the US proposition of reviving imperialistic activities against Iraq, stating lack of approval by the UN, seeing pictures beamed around the world on the 6 o'clock news of riot police battling rioters, or firefighters extinguishing fires, or the graveyard of burned out cars sure does put on a damper on the righteousness. But I guess Paris can now be called the City of Light even at night.

So the civil unrest that has plagued Paris, mostly in the suburban areas to the east and north of central Paris, has been reoccurring every night since October 27, 2005. The main composition of the rioters are mainly 2nd or 3rd generation naturalized French citizens of North African (Algerian, Moroccan, and Tunisian) and West African (Mali, Senegal, Burkina Faso, etc.) descent, angry and disillusioned by a French political and societal culture that neglects them. The rioters have targeted automobiles, public structures (schools, government buildings) for arson, and are playing a tactical cat and mouse game with police.

The cause of the riots has been linked most likely to an incident between youths and police in the suburb of Clichy-sous-Bois, where police were on a man-hunt for persons linked to a break and enter, and were searching the area where they made contact with another group of teenagers who were playing soccer. The youths dispersed to avoid making contact with the police, which resulted in the death of 2 teenagers Bounna Traore, 15 year old of Malian background, and Muhttin Altun, a 17 year old of Kurdish decent; whom were hiding in an electrical transformer station where they were electrocuted. Though details on why the youths fled or the actions of the police that led to the youths dispersing are not yet understood, the result of this incident is that 2 teenagers were dead. So this event ignited weeks of rioting by youths living in Clichy-sous-Bois, which quickly spread to adjacent suburbs such as Servan, Montfermeil, and Alaunay-sous-Bois, part of the Seine-Saint-Denis department which houses these communities. The police initially responded to restore order however were overwhelmed by the coordination and cohesive nature of the rioters who were achieving greater yields of destruction with each night of rioting. As a result, Interior Minister Nicolas Sarkozy, declared a zero tolerance policy towards urban violence and sent 17 companies of riot police

and 7 mobile police command units to the affect suburbs of Paris. Though the extra police presence attempted to restore order, the results were not coming quickly enough; unfortunately, a 61 year old man was beaten to death in the rioting. More worrying was the rise of copycat rioting that was occurring in other cities of France, and had spread into Belgium and Germany; the unrest was spreading. So to neutralize the problem, President Jacques Chirac decreed a 1955 law to institute a national state of emergency which instituted curfews throughout the French Republic. Ironically, the same law was created as a reaction to civil unrest against Algerian nationalists who were fighting for independence in the 1950's. Though the measure seemed extreme, the intensity of rioting has begun to wane.

Upon observing comments of people in regards to resorting order, I heard many comments of using draconian, heavy handed approaches using martial law and the military, as civil authorities have been ineffective in neutralizing the rioters. I would support the use these measures however, due to the roots causes leading to the riots it may only incite greater rioting.

There are many root causes that have led to the violence throughout urban France, among people involved. First off, let's look at the main areas where rioting has occurred, Paris.

Now you may initially think that suburbs with names like Clichy-sous-Bois, or Montfermeil sound like picturesque locations seen on a postcard. Well, they aren't. These areas are the locations of social housing built in the 1960's to help house the workforce who rebuilt postwar France. Since the end of the war, housing shortages were rampant. This led to the building of apartment blocks by the government called HLM - 'habitation a loyer modere'. At the time, popular planning concepts led to the separation of areas of a town specific to function - housing, industrial, commercial, where the areas were connected by public transit. Initially the French working class immigrated in droves to these areas to find work. Then immigrants came, the parents and grandparents of today's rioting youth. These people, mostly Muslim by faith, arrived from the colonies in North and West Africa where the French colonies had existed since the 19th century. They were repatriated French citizens of African decent who had left their respective colonies after the colonies had successfully won independence from France. A major number of immigrants (almost 1,000,000) came from Algeria, where a bloody war of independence had taken place whom Algerians who sided with the French fled from persecution. Thus, the immigrants flocked to the social housing. Eventually as the economy grew and France became prosperous the non-immigrants left the social housing for more luxurious housing in the cities. Also as the economy grew and land became in short supply within the cities and some of the social housing blocks were dismantled and commercial and high-rent apartments were made in its place. Since immigrants typically didn't have the economic status to afford these high-rent homes, the immigrants who were living in the social housing before were now displaced and were forced to move to the remaining social housing units. As a result, a mass

exodus of immigrants went to the North and Eastern areas of Paris where social housing still existed. However with the increase in population in these areas, the level of government services (transit, schooling, libraries) remained stagnant. This exodus was concentrating the immigrants in specific areas of Paris that were isolated from anything else due to the inherent planning of the area with little government support services; thus the immigrants were being ghettoized.

Now even though being concentrated in housing from the 1960's may not be the most optimistic setting, the immigrants have been assisted through its large social security program, a characteristic unique to France. Subsidies exist such as APL (Aide Personnalisée au Logement) which is a housing subsidy, free education to children up to age 16, (albeit universal education is free throughout France), and a fully subsidized health care plan (similar to Canada) called CMU (couverture maladie universelle) where all medical costs are paid by the government for low income families typical of majority immigrant families. In France, health care is a

private/public partnership where middle and upper class pay a certain percentage of the healthcare cost, while the government picks up the remaining balance. So with the government assisting you, why riot? Well, the reasons behind

this are more subtle and covert.

The reason why these second and third generation immigrants are rioting is because of the social and economic contradiction they experience in their everyday life. It can be speculated that this discrimination may be traced back to immigration policies and views of immigrants by the French people. In France, the political culture is one of secularism where the separation of church and state has been paramount in maintaining the stability of France. Corresponding to the secularization is the ideal that the Republic recognizes every individual, where a French citizen owes allegiance to France. Since it is the duty of the citizen to uphold the Republic, France does not officially sanction or recognize ethnic or religious identity, for they fear that diversity will lead to the balkanization of the republic, i.e. the breakup of France along ethnic or religious lines. In many cases, sociologically, newly arrived immigrants still have the customs and cultural identity of their origin country and will exemplify those customs instead of French ones; thus, they pose a threat to the homogenous social fabric of the Republic. Coupled with the facts that France has such a comprehensive welfare state, which could become less beneficial to naturalized French citizens if immigrants overload the welfare system (A fear that is exemplified is all Western nations, not just France); France has kept a policy since 1975 of restrictive immigration of people to France. This policy was the result of the 1973 oil crisis which crippled the economy and strained the welfare system. Such negative views may have led to a society of discrimination against the children of immigrants. Though the government forbids the discrimination of people based on ethnicity, such discrimination exists socially and economically. The statistics conducted by INSEE (French National Institute for Statistics and Economic Studies) and

AFP (Agence France-Presse) say it all : unemployment rate nationally that is around 10%, where rates in suburbs with high immigrant populations range from 20% - 30%, a poverty rate of 26.5% compared to a national average of 10%. The statistics for unemployment are even more startling for immigrants with university degrees - 26.5% compared to a national unemployed rate of 5%. S.O.S. Racisme, an anti-racist group, has documented consistent discriminatory practices against French citizens of North/East African origin; for those who do have jobs, they are menial, hard labor, low wage type. Though there are roughly 2 - 3 million people whose background comes from Africa, there is not a single member of the National Assembly (France's National Parliament) who is of African background. Thus, the 2nd and 3rd generation immigrants face a society of contradictions - you are naturalized citizen of France who follows the French ideas; yet you cannot find a job that is not low wage, after graduating from university with specialist skills you still cannot find work that is not low wage and menial; thus without any economic gains, you are stuck living in a area where your whole neighborhood block is of similar ethnic origin; and finally you cannot politically lobby to improve your condition as there is no one to represent you. Thus, it's mission impossible if you want to increase your economic and social status. It is because of this feeling of hopelessness which has disillusioned these youths to the French republic, fed up seeing their peers and parents try so hard and fail in the pursuit of a higher standard of life. As a result, the minds of these 2nd and 3rd generation immigrant youths are full of bitterness and disillusionment, ready to explode.

So the question becomes, will the rioting ever stop? It will eventually, there are only so many buildings in those neighborhoods they can burn down, only so many cars they can destroy; and seeing the rioters are destroying government buildings, symbols of the hierarchy of oppression in France; they are sending a message to the rest of France and the world that they will not tolerate these discriminatory conditions. They don't appear to have any motivations to go topple the government or start a religious jihad against secular France. They just want a chance to make a better life for themselves and their families.

But after the riots subside, what will happen to the immigrants and the youths in France? Will there be more open discussions between France and its adopted people? Will there be a change in the social/economic fabric so the North/East Africans can experience a control to pursue a higher standard of life? I believe this will occur as France, like all other western nations, is facing a large aging workforce that will soon retire, leaving behind a economy where there are not enough workers to take the reigns. Thus, to maintain a welfare system that relies so heavily on economic taxation, the 2nd and 3rd generation immigrants may hold the trump card in the whole scheme of things. However, what I do not want to occur is for extremist right wing entities like Le Pen's National Front to use this event in a sensationalist way to stir up panic among the French citizens to act irrationally to support the discriminatory platforms that these parties promote. It would be a shame and ironic indeed for a nation that believes in liberté, égalité, fraternité'.

***"[the rioters] are sending a message... that they will not tolerate these discriminatory conditions"***



## ENGINEERING SOCIETY EXECUTIVE REPORTS

## Co-op and Frosh Mentoring Congrats to New Execs



**KEN HANES**  
VP EDUCATION

Hey everyone. So, this is the second time to last time you guys have to read my wonderful writings in my IW article. I just wanted to give a shout out to the new exec. Jen Carroll, Mark Truchanowicz, Adam Neale, Greg Fitzgerald, and Chris Olekas. You guys are going to do an awesome job and I encourage you to have as much fun as you can during your tenure; enjoy it! You're going to have many trials and

tribulations to deal with as an exec but if you ever need advice or help with a tough situation, feel free to ask. This should be 16 of the best months of your University careers.

Education-related matters: I spoke to the powers that be about some of the problems with the new Co-op system. They seem to be trying to improve the system, so hopefully next term there are less issues, (if not, talk to Mark – the new VP-Ed). The Frosh Mentoring crew is going to hold one more event this year for the first years – I encourage first years to take a few minutes out of your studies to attend. Keep an eye out for that. That's it from this guy for this week.



**KARIM LALLANI**  
PRESIDENT

Congratulations to the new EngSoc executive. I am confident that all of them will do a fantastic job in their new positions. Your new president Jen Carroll is going to be amazing.

She's held a variety of directorships over the past few years, and she definitely has the leadership potential to do great things. I am confident that she will continue to provide strong leadership and direction to the Engineering Society.

I will be devoting my time and energy into the Canadian Cancer Society fundraiser over the next couple of weeks. Please help out by making a generous contribution during lunch hours in the CPH foyer. Without you, there is no way that we'll be able to reach our goal of \$25,000.

## Reflections of a VPX



**CHRISTINA WATERS**  
VP EXTERNAL

There comes a time when one reflects as to the image they portrayed to the rest of the Engineering Society as to how they handled their position. Here is what I have so far...

V—Vivaciously getting my way.

P—Permanently organized.

E—Energetically stirring up a shit storm.

X—Xenophile, by nature.

T—Tenaciously correct.

E—Eccentrically representing Waterloo in the best of ways.

R—Ridiculous when I unleash the beast.

N—Notable endeavours include scaring the CFES President and a 2s boat racing time.

A—Asshole remarks that continually affirm that I know I am almost always right.

L—Loving the fact my 16 months was awesome and that this is my last poem as VPX.

Thank you for all of the memories. Thank you for all of the laughs. Thank you, all of you, for everything

## GradComm 2006 News

**STACEY CHARLTON**  
**KEN HANES**  
GRADCOMM 2006 CHAIRS

Hey ya'll – some information from the 2006 Gradcomm Chairs!

The Toronto Pubcrawl was awesome – it seems everyone had a pretty spectacular time and I think we showed those UofT, Ryerson, and Mac engineers how to party. The UofT cannon and cannon guard and random music playing people accompanying the cannon showed up near the end of our time at SUDS, so that was a treat. The Brunny was a great time and Bomber was solid as always. I think next term we're going to have to invite UofT and all the other schools here and show them a good time. For anyone that bought a ticket and didn't end up coming to the crawl, come see Betty in the orifice for a refund. Just bring her your ticket and we'll get that sorted out without a problem.

In upcoming events, we are having our Slave Auction on Friday November 18. If you

have any talents including cooking, cleaning, a car, etc. sign up to be a slave! We need as many people as we can get to be slaves so we can try to raise some money for Gradcomm. I want to see everyone in POETS on Friday to either be a slave, or buy a slave.

Gradcomm is going to be having one more pubcrawl this term to wrap it up. The final crawl is going to be on Friday November 25 and promises to be the event of the term! For those that show up, there will be some random shenanigans and for a lot of you it might be the last chance you have to party with us 4th years. Spread the word about this crawl – it's going to be awesome! On top of all this we are going to have pizza sales every Wednesday to finish the term and we are going to try to continue the sales through exams and at EOT. We are still going to have a few 50/50 draws so keep an eye out for those. We're under 100 days now 'till IRS and we can't wait!

Your friendly, neighbourhood Gradcomm Chairs – Stacey and Ken

## Mathie Mascot Stolen, Replaced By Lawn



"Dear Iron Warrior Staff, we have some information that you might be interested in. Last night while the Waterloo Mathies were busy not showering, their beloved mascot "The Natural Log" was stolen from its display case. This massive piece of wood was replaced by a clump of ln (lawn), and of course a sign denoting ERTW, proving that Engineers truly do Rule The World. We have attached some pictures of the log enjoying its newly found freedom, Engineering style. Sincerely the Anonymous Engineer."

# Genocide: Exploring The Darkness of Humanity

EDWARD DAVIDIAN  
2A COMPUTER

On Saturday December 5th the Armenian Students' Association invites all students to attend the Genocide and Human Rights Conference headed by Prof. Gerry Caplan and Prof. Alan Whitehorn. Gerry Caplan is the author of "Rwanda: The Preventable Genocide," and Prof. Alan Whitehorn is a human rights expert from the Royal Military College.

We've all heard of the Holocaust, more

recently of Rwanda and the tragedy that is currently underway in the Sudan. A lot of us are also aware of the Armenian Genocide, the Rape of Nanking, the Ukrainian Famine, and the Cambodian Genocide.

Some of these events are disputed as being actual genocide. However genocide is defined as 'The deliberate killing of a very large number of people from a particular ethnic group or nation.' (Oxford), which all these events have in common.

The Armenian Genocide itself is recognized by the Canadian Government, France

and Russia, but not the US and UK; their decision primarily being based on potential strained relations with Turkey which succeeded the Ottoman Empire responsible for the Armenian Genocide.

There are invariably questions which arise from such events, namely how is it that, as with many of these cases, a single person decides the fate of an entire people? How do they justify their intentions to themselves and to others? How is it that otherwise normal people collaborate or aid in the annihilation of fellow human beings?

Why aren't countries doing more to recognize the genocides of the past and what can they do to prevent genocide in the future?

The Armenian Students' Association invites all to attend this conference to receive insight on these questions among others from academic experts in this field. The Genocide and Human Rights Conference will be held on Saturday December 3rd from 10:00 – 14:30 at MC 2034. For more information go to [www.watserv1.uwaterloo.ca/~armenian](http://www.watserv1.uwaterloo.ca/~armenian) or contact us at [WaterlooASA@gmail.com](mailto:WaterlooASA@gmail.com).

## My Journey Towards Africa

JODY BENNINGER  
INSTITUTE FOR INTERNATIONAL COOPERATION  
AND DEVELOPMENT

For the majority of us twenty-something-year-olds, the decision on which career path to take, is a pressing concern for this particular decade in our lives. I, like so many of my colleagues and friends who find themselves within this age bracket, am constantly trying to navigate my way towards my 'chosen path'. It is in being able to ride out this uneven wave of the unknown that I begin to truly build into my own character, understand the world around me and become acquainted with who I really am.

After I graduated from Carleton University in 2004, my classmates and I were in a quick scramble to make a very important and defining decision in relation to what our next step would be. Many of my colleagues went on to Teacher's College; some went on to complete their Master's-- some even left to get married and start their own family. None of these options appealed to me, just yet.

I decided to go with my intuition and pursue an avenue not often explored, but instead one that had been brewing inside of me since my second year at C. U. Throughout my final two years at Carleton, I selected several courses in Development studies, African studies and ethnicity/race relations. It was within these numerous hours spent learning about the reality of what was happening in developing nations that I believe I found my own niche.

My initial desire was to apply for an internship with CIDA for six months, to do development work in Africa. After six unsuccessful interviews of having made it to the Top 2 position, but always getting the call that they had selected the other applicant, I figured I needed to find an alternate route to get to Africa, to find out if this is truly 'my calling'.

During the course of my exploration in locating an alternative to this new roadblock that had come my way, I came across a school in the USA called the Institute for International Cooperation & Development (IICD). IICD has three sister Institutes across the US: in Michigan, Massachusetts & also in California. Although the California campus appealed most to me since I have always dreamed of going there, I thought it best I be close to home for now. So here I am, now volunteering in their Promotions Department with the Canadian inquiries they receive.

IICD offers a unique lifetime experience for incoming volunteers interested in doing grassroots development work in sub-Saharan Africa. The program requires a 14-month long commitment on the part of the participants. The first six months happen at one of the campuses in the USA, and are spent training volunteers to become Development Instructors (D.I.). The training includes Action Weeks, which help to prepare the volunteers for their work in Africa. Once you become a volunteer, you do fundraising to help offset the costs associated with your stay in Africa-- but this is done with your entire team. You also begin specializing for your position overseas by learning more about African history, culture, and about the

current economic and political situations in the countries you will be going to. Alongside this, there is an orientation on HIV/AIDS, common tropical diseases, counseling training and the Child Aid program objectives. This phase of the program also includes language training, depending upon where in southern Africa you want to go. Currently, Portuguese is the language being offered because there is such a high demand to fill the projects in Mozambique (a former Portuguese colony). Particular attention is paid to the courses on poverty, and how to tackle this problem at the grassroots, in a way that promotes sustainable development. Other ongoing elements throughout your training in the USA are: planning and evaluation, outreach activities and actions, art and culture, personal fitness and promotion work to find someone to follow in your footsteps.

The second period is actually the time you spend working on the ground with a project in southern Africa for six months. Projects vary and you are matched with one of them, depending on your own personal goals for the program. Some of the ongoing projects include a powerful HIV/AIDS control program called TCE (Total Control of the Epidemic). Or you could also work as a Teacher for adults or children-- or even in one of the Teacher Training Colleges. More projects include: taking part in the fight against HIV/AIDS as an educator and counselor with the HOPE project; working in Child Aid and Community Development projects; or even Fundraising and Partnership entrepreneurial jobs.

The final two months are a follow-up period, called Camp Future. It can be done in the USA or in Africa. It is a period of time allotted for the individual participants to utilize all of the marketable skills and experiences they have gained. The objective is to inform others of the unwavering situation in the developing world, and allow the chance for others to get involved in the fight against poverty, in the same way you were. You can even become a Teacher for the next team, since the Development Instructor Program is ongoing.

IICD recognizes that any attempt to promote sustainable development is an all-encompassing undertaking, and no able-bodied person with the desire to do so, ought to be excluded from helping. That is why the only requirement necessary to enroll in the program, is that you be at least 18 years old. (To date, the oldest participant was 76 years old!) Otherwise, there are no formal qualifications or necessary background experience needed to get you started! If you have the determination and the will to do development work, there is a way for this to be realized at IICD.

And if Africa is not your destination of choice, you can also enroll in the South East Asia or Brazil program.

So now you may be wondering, how exactly do I fit into this schema? Let me share my own experience with you...

Well because I did not have the required tuition cost of US \$3,800.00, I made an arrange-

ment with the IICD Director (since I was able to come before my actual training begins in December 2005). The arrangement is that I come here to Michigan to do voluntary work in their Promotions Department with all the Canadian inquiries, in order to offset the cost of my tuition. Of course, it was still up to me to find a way to pay the US \$250.00 enrollment fee, but the fact that IICD recognizes that not everyone is able to come up with this kind of money, and actually has a solution to this problem, was also one of the points that helped me solidify my decision to come here.

The project that I want to join is the TCE Program, combined with the HOPE Center for HIV/AIDS information and counseling. In combining these two empowering projects, I feel that this is where I would do best, and bring about the most potential change in providing the care and comfort urgently needed by those living with HIV/AIDS. I want for this practical involvement on my part, to contribute in some way to an uprising of the countless Africans who have to face daily struggle, in an attempt to change their own livelihood. Another goal of mine is to empower those I will work with, by arming them with the necessary and powerful information that will ultimately, save their own lives.

***"..I came to learn that the current HIV/AIDS epidemic in sub-Saharan Africa was actually preventable."***

I learned the importance of empowering those who must face daily struggle in their lives, throughout my own initial involvement with those living with HIV/AIDS. It all began in my first year of university while I was attending an event to help

raise funds for World AIDS Day (December 1) at Carleton University. I was so moved by the presentation I saw, I realized in that moment that I could no longer sit idle, pretending I was not aware of what was really going on in our own community. So I asked myself how could I get involved, what could I do? A Transition Home for patients living with AIDS in Ottawa, Bruce House (<http://www.brucehouse.org>) was recommended to me by a stranger in the audience. I volunteered there throughout my four years in school, and have longed to work within the field again since graduating.

So how is Africa connected with all of this, you may be wondering?

Fortunately for me, I had some inspirational Professor's in my final two years, who opened my eyes to the harsh realities of what was really going on in the developing world. They provided a very clear lens through which to see that we are in fact all human beings, one and the same. But due to history and current circumstances, some of us must fight more diligently to secure our own basic human rights... something others may take for granted.

The more awareness I gained on the resource imbalances in our world, the more I came to learn that the current situation concerning the HIV/AIDS epidemic sweeping across sub-Saharan Africa, was actually preventable.

Then, I got mad. Why was it that those with the knowledge and resources to help out with

this crisis, refused to make any move to begin preserving the lives of so many of our fellow human beings? Why was there such a barrier in getting them the necessary resources to help treat those living with the disease? Why is it so 'impossible' to enable those in developing nations to understand that they actually do have a choice in deciding their own destiny, and that it is through an education that their own future can be secured? Why, why, why? I have always told myself that when I reach a point where I cannot provide an answer to a self-imposed question, it is then time to make a change. So I knew then, that it was my time to join in this fight for global change. No matter how minute, modest or symbolic my contribution to Development may be, I knew I needed to take action. Hence, my enrollment here at IICD, MI today.

Of course, I cannot be completely sure of my desire to make a lifelong career out of Development work, but what I can do, is try. I will never find adequate answers to satisfy all the questions that run through my mind about the global inequities of today, and the current state of poverty and disease in the developing nations. Merely talking about these issues I know, will solve nothing, nor will it help me to grow into a responsible individual. Nor will I ever resolve anything in choosing to traverse a path more traveled. What I can say that I know for sure though, is that I believe I was meant to be here at this moment in time. I wanted to be right next to those in need and find out how best I can help bring a smile to the face of an orphaned child, a hungry and ill mother, or even a grieving father.

As a young woman living in this new millennium, I believe that I personally, was meant to be in the midst of this constant battle for the betterment of human livelihood worldwide. And how could I possibly turn my back on such an urgent and pressing crisis in our time? Keeping my ultimate goal of wanting to work with sustainable development projects in Africa close at heart, is what I believe will help me to cope with the challenges that I am sure to face before and after getting to Africa.

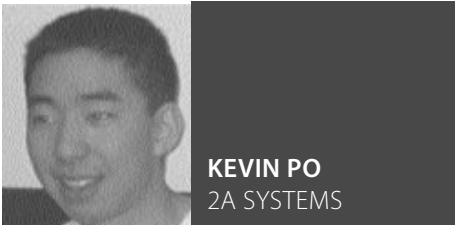
As I venture onward in this professional and personal journey, the one certainty I carry is that I will hopefully leave a mark on the lives of those whom I will meet, and work with in Africa. But perhaps, the most life-altering experience that I will encounter, whose magnitude I am not yet able to grasp, is the mark that Africa and its people will leave on me for the rest of my life. It is this mixture of conviction and anticipation that prompts me to extend my invitation to you as well!

If this program stirs any interest in you or anyone you know, please pass on our information in order to begin the application process.

Our website is: [www.iicdmichigan.org](http://www.iicdmichigan.org) I will be holding an information meeting on Saturday, November 12, in Toronto at 546 Yonge St. (intersection of Yonge/Wellesley), third floor of Planet Aid's store. Please contact me if you are interested in attending this meeting, or want to learn more about our program, at [jody@iicdmichigan.org](mailto:jody@iicdmichigan.org) or [jodybenninger@hotmail.com](mailto:jodybenninger@hotmail.com)

Help us make poverty history...

## Album Review: Thrice's 'Vheissu'



KEVIN PO  
2A SYSTEMS

**Thrice – Vheissu**  
<http://www.thrice.net>

Thrice is awesome. There is no other way to describe their music or their live shows. This time is no different. Thrice's Vheissu is a huge leap forward for them, experimenting with cool sounds and some really neat artwork (take a look at the cover).

The album's first song, Image of the Invisible, begins with a bit of morse code. I have no idea what it means, but it sure sounds cool when it morphs into a guitar riff. It's a traditional kind of Thrice song, with all that angst and anger in Dustin's voice. This trend continues through The Earth Will Shake, which has a slow, yet

hard metal feel to it. It also has the best gang vocals you'll hear this year. The next song, Atlantic, is my favorite on the album. It starts very slowly, and builds into this smooth song that flows just like its title name. It's a true departure from the traditional Thrice song, with lots of swooning and a really slow beat. After Atlantic, Thrice proceeds to lay on a more hard rock feel to their album, with songs such as Music Box and Hold Fast Hope which have fast beats and a bit of screaming. We then hit the gem called Of Dust and Nations. It begins with this barren wasteland feel, thanks to some clever distortions. It then builds up into this great chorus, "Put your faith, in modern steel..." which I guess is engineering type of song. Vheissu ends with Red Sky, which is my second favorite song on the CD. It starts with muffled drums that emulate a beating heartbeat, then proceeds into this wide-spanning chorus. In a sense it's a sailor's song, just a really dark one.

Comparing Vheissu to old Thrice albums such as Identity Crisis, Illusion

of Safety and Artist in the Ambulance, they've really moved from that screamo stuff to a sound that doesn't fit any category anymore. They're not afraid to take risks and it shows.

Anyways, I'm definitely not great with album reviews, but Vheissu is one of the best albums to come out this year. If you're into anything with a guitar, drums and even a piano, check it out. Thrice oozes with style in everything they do. This CD is no different.



## Tune In And Turn It Up: Rheostatics in Waterloo



DAN ARNOTT  
2B ENVIRONMENTAL

Forget about the Guess Who! Enough with Rush and the Barenaked Ladies. If there's one musical group that truly deserves to be called 'Canada's Band', it's the Rheostatics. This was only reinforced by their performance at the Starlight Lounge on November 5 with Justin Rutledge and The Stars Here.

The Rheostatics consist of Martin Tielli (guitar, vocals), Tim Vesely (bass, vocals), Dave Bidini (guitar, vocals) and legendary produc-

er Michael Philip Wojewoda on drums, are Canadian indie-rock legends. They've been going since the late 80s and have yet to get stale. Just when you think you know what's coming next, they'll write an album inspired by the Group of Seven, dedicate a ballad to Wendell Clark, or write a children's book and record its soundtrack. For this tour, they included ex-D.O.A. multi-instrumentalist Ford Pier in their lineup, on keyboards, synthesizers, and various other cool noises.

I won't go into great detail about the venue. Those who know the Starlight know it. To those of you who don't, it is an intimidating place due to all the hipster trash who usually congregate in it, but when there's a band playing, it becomes a classy but friendly place. Comfortable couches, clean washrooms, good beer selection- need I

say more?

As is usually the case, there were opening bands. The first of these were called The Stars Here (not to be confused with the band Stars). These guys were fairly solid, playing fairly easy-to-listen-to rock and roll with a hint of 70s to it. This was reinforced by the fact that they had an organ player. However, they took the 70s thing way too far when they actually stole the entire riff from Pink Floyd's 'Echoes' for one of their songs, note for note. However, they took the 70s thing way too far when they actually stole the entire riff from Pink Floyd's 'Echoes' for one of their songs, note for note. While something like that is unforgivable, they almost made up for it

*Continued on page 11- see 'Rheostatics'.*

## CECS November Workshops and Events

TARA KEOGH  
CECS

### November Workshops

#### November 14

Successfully Negotiating Job Offers TC 1208 4:30-5:30. Increase the odds of getting what you want when negotiating salary and other details related to the job offer. This workshop is geared toward graduating students.

#### November 15

Work Search Strategies TC 1208 3:30-4:30. Practise networking and other strategies in order to increase the effectiveness of your job search.

#### November 16

Interview Skills: Preparing for Questions TC 1208, 11:30-12:30. Discuss and learn from taped excerpts of actual interviews.

Letter Writing TC 1208, 3:30-4:30. Learn how to use letters to your advantage in the job search.

#### November 17

Teaching English Abroad TC 2218, 2:30-3:30. Find out about TESOL certifica-

tion, relationship between a certificate and employment, skills required to teach ESL, jobs, etc. Presented by John Richardson, lawyer, author and provider of professional test prep and admission programs.

LSAT Strategy and Law School Bound TC 2218 12:30-1:30. Hear about LSAT strategies and best practises to prepare and effective law school application. All attendees who sign up for the newsletter will receive a FREE copy of LSAT success with CD by Thomas White. Presented by John Richardson, lawyer, author and provider of professional test preparations and admissions programs.

Interview Skills: Selling your Skills TC 1208, 2:30-4:30. Do not stop at the fundamentals; you must prove your skills in the interview. Here is your opportunity to practise and improve.

#### November 22

Info Session: University of Western Ontario TC 1208 4:30-6:00. An information session on the MD/PhD program at Western

### Upcoming Events

#### November 18 & 19: Impact Conference

Impact Conference Metro Toronto Convention Center, Toronto. Join Canada's Largest Student-run entrepreneurship conference. This conference will bring together industry representatives, educational partners and more than 300 students from coast to coast to meet, learn, network and offer exposure to job opportunities. Cost is \$129 for the 2 day event, which ends in a banquet with keynote speaker Harry Rosen.

### Employer Information Sessions

#### November 14

Cigna 7:00-9:00 PM, University Club, Main Dining Room. For Co-op and Graduating Students, Actuarial Science

#### November 15

Hewitt Associates 5:00-7:00, Tatham Centre 2218 For Co-op and Graduating Students, Actuarial Science, Mathematics

#### November 17

Microsoft 7:30-8:30, Davis Centre Colloquium 1302. For Co-op and Graduating Students in Computer Science, Engineering, Mathematics.

### Iron Warrior ProfQuotes

"This is not high math. Bill Gates will not be impressed by this, not that I'm saying he can do it."

-Dwight Aplevich, ECE682

(Unable to find chalks/markers)

"I am trying to make lemonade, but the school does not give me any lemons."

-John Hamel, ECE431

"Certain member of a specific gender from Arts should not find this a lonely class."

-Larry Smith, ECON101

"What you don't know is I'm honest"

-Larry Smith, ECON101

"You can come to Waterloo. You can run the department. You can be the chair because nobody else would."

-Larry Smith, ECON101

Once you have one thought, you stop thinking altogether, cause it hurts your head

-Larry Smith, ECON101

"Why do management write these mission statements? Because they're stupid!"

-Bing Ran, MSCI 311

"Put your hands down, stop asking questions!"

-Dan Stashuk, SYDE 292

"You want to absolutely minimize your travel time to visit as many cities as you can to sell drugs."

-Carl Haas

"According to Newton's First Law of Motion, an object will stay where it wants to stay unless you kick it"

-Firas Mansour, PHYS 115

"The only things you need to know from chapters 4 and 5 are that Force is mass times acceleration and you can't push on a rope!"

-Firas Mansour, PHYS 115

"The Registrar's Office is an evil empire... they do whatever they can to screw you over."

-Sykes, ENVE 200

"Let us finish this. I have another class who are supposed to write the quiz, so I have to torture them shortly."

-Potapenko, ENVE 223

"I am really tired of these operators right now. I consider them when I sleep at night."

-Potapenko, ENVE 223

"We've got 60 seconds- high-speed Fluid Mechanics! We're going to build a manometer equation like you've never seen a manometer equation built before!"

-Jenkinson, ENVE 214

"If we have anything else in the system, a small child for instance, then this wouldn't apply. The child would have to be riveted to the bottom of the channel."

-Jenkinson, ENVE 214



## ARTS CORNER

Engineering Drama Presents  
'Beyond Therapy'NEIL CAVAN  
3B MECHANICAL

Have you ever answered a personal ad? How can it be possible to decide whether or not you like a person based on 4 lines of "WM, 30-35, 6'2" seeks WF for romantic encounters."? What if they lied? What if you make a dinner date, and get to the restaurant only to find out that the 6'2" white male is in fact 5'8" and has a male lover?

That is just the situation that Prudence finds herself in during the first scene of the Engineering Society's production of Beyond Therapy, a play by Christopher Durang. Prudence is a remarkably normal woman in her early thirties whose only problem is her inability to say "no." Conflict scares her, and she will avoid it even if it means putting herself in incredibly awkward situations - such as her blind date with Bruce. By the end of the date, she simply has not managed to convince Bruce that she does not, in fact, want to bear his children.

Thankfully, both Bruce and Prudence are in therapy. Unfortunately, their therapists make the two patients look calm, stable, and downright sane. Dr. Stuart Framingham, who Prudence visits once a week, has serious anger management issues and a whole host of his own insecurities. It's difficult to tell exactly why Bruce's therapist, Dr. Charlotte Wallace, is one giant bag of crazy. To pick only one eccentricity is like focusing on one grain of sand on the beach. Rather than helping their patients control their emotions and their lives, the psychiatrists drive both young people to the brink of looneydom.

Beyond Therapy is a farce that explores society's obsession with therapy as a surefire, quick-fix solution to all of our quirks and baggage. It's a high-energy show guaranteed to make you laugh til you cry, and cry til you have to laugh again. Performances are 8PM on Wednesday November 16th, 7PM on Friday the 18th, as well as 2PM and 7PM on Saturday the 19th. Tickets are \$6, and are available at the turnkey desk in the SLC.



EngActors Melanie Roskell and Jonathon Eubank at rehearsal

Non-Engineering Drama  
Presents 'Our Town'ROBYN ATCHISON  
UW DRAMA

UW Drama invites you to attend our first ever production of Thornton Wilder's masterpiece, Our Town, directed by guest artist Alan Sapp.

On the surface, Our Town can be seen or interpreted as a "slice of life" play, revealing the everyday and meaningful events of a small, fictional town in New Hampshire known as Grover's Corners. Our production however, will emphasize the theatrical nature of this piece, where we are guided on this journey by the all-seeing and knowing character of The Stage Manager.

A challenge for the actors and audience in this play is also the fact that there will be very little scenery and virtually no props. In essence, Mr. Wilder has stripped away all that is unnecessary, to allow us to experience what is important. In doing this, our imaginations are engaged more completely and we are freed to experience, together, the depth of revelation and discovery that the characters make along the way.

A quote from Brooks Atkinson summarizes the experience: "Mr. Wilder has transmuted the simple events of human life into universal reveries. He has given familiar facts a deeply moving, philosophical perspective."



L to R: Emma Dines, Greg Carere, Julie Kern, Brad Cook

A Dying Lake,  
A Screaming SkyRAHUL N. BHARDWAJ  
4B ELECTRICAL

Today she left me,  
Today she went away,  
That breeze which blows past my face  
And I sit letting her words consume  
me,  
She still lives next door, but she leaves  
with him tomorrow,  
And the breeze no longer passes over  
me, so thin, so hollow

How amusing is the death of a lake?  
For every second I laugh, my heart  
cries,  
How amusing is the destiny of my fate?  
For every second I laugh, my heart dies

Fish buried under the dust, a suffocating  
hold,  
The sunrise calls, fly away, cut away  
from me,  
Take away my love, hang and execute  
me cold,

Runaway, runaway child  
Fly away, fly away little butterfly  
Grace the trees of my insanity,  
And disappear into the leaves,

Runaway, runaway precious,  
Fly away, fly away as I loose you in the  
breeze  
Run away, and take my misery and pain  
with you... please,

The future is a shadow and my past has  
walked away  
Your thoughts that touch, on my knees,  
broken and thirsty I pray

Clouds above, dark and heavy,  
My sanity lies thin,  
Yet it will never rain on me,  
I cannot offer the peace you will find  
with him

But call out to me,  
Let me close my eyes,  
As the clouds roar above, dark and  
heavy,  
The mocking of the screaming sky

A Dream of you,  
Call out to me, let me sleep... as I let my  
heart die...  
A Dream of you, crashing down as I cry,  
A dying lake, a screaming sky,  
My dying lake... my screaming sky

I was never perfect but something I will  
never regret  
That one thing that stands before no  
other,  
It's the choice to love you, it's that choice  
to bleed for you,  
My sweet Angel, my sweet Lover

At my funeral, there will be no pres-  
ence,  
No flower over my head stone,  
At my funeral, there will be no quiet sky  
meant,  
Without you, this lake will dry alone

And, She still lives next door, but she  
leaves with him tomorrow,  
And the breeze no longer passes over  
me, so thin, so hollow

## Requiem

RAFFEE AMEEN  
2A MECHANICAL

walk with me: the road is long, and I am  
tired  
walk with me, for these paths of asphalt  
and gravel and shriveled green  
have kept enough secrets, heard enough  
lies;  
by hour, by day, their silence pounds loud-  
er in my ears  
so lend me your voice, your stories,  
that I might drown out their unsaid accu-  
sations

(what they never say:  
tread softly,  
for you tread on the graves of all you have  
left behind:  
friends, not-quite friends, almost-loves  
tread softly,  
for your feet trace the echoes of all your  
despairs, all your lies:  
you walk in the wake of your own desola-  
tion  
tread softly,  
grim walker,  
tread very softly)

walk with me: the road is long, and I am  
weak  
walk with me, for the sun will soon set, the  
road will grow dark, cold, windy  
dagger-sharp, icy breezes will whisper  
fleeting words of winter regret;  
will leech me dry of life, bleed ice into my  
veins  
so lend me your hands, your embrace,  
that I never forget the warmth of another's  
touch

(what they will say, with hyena smiles:  
we are kindred,  
for there was never heat in your blood:  
you shed lives like serpents shed skins, pre-  
tend to regret what you leave behind  
we are kindred,  
for you take the pretense of a soothsayer,  
a friend, sometimes more  
while your insides burn with jealousy,  
pride, anger  
we are kindred,  
lost little sheep,  
now, forever, we are kindred)

I am all of this, and less, and more:  
sum absolute of imperfections, flaws, a  
keeper of regrets  
a fool who walks forward while the past  
keeps his friends  
a coward, a liar, an occasional creature of  
obsession  
forever grim, forever lost, railing against  
the heavens  
for his woes, raging at their silent replies

But see:  
these paths go on, these roads keep wind-  
ing and turning  
and I have walked alone far too long here,  
in the shadows, in the cold  
through the dark forever-winters of my  
own making  
and before I reach the edge of my abyss

I would step in the light: a day, an hour,  
even a minute  
so I ask you:  
would you be my crossing guard, nightfall  
into daylight?  
would you walk with me?  
for a minute, an hour, a day, for a mere  
fraction of forever:

would you walk with me?

# Cindy's Kitchen: Chocolate, Zucchini, and Latkes



CINDY BAO  
4N ELECTRICAL

To produce the perfect meal, the food not only has to taste great, but also must be pleasing to the eyes. Being the visual creatures we are, the success of a food blog depends as much on the design as the quality of the blog content. Chocolate & Zucchini has to be the perfect example (<http://www.chocolateandzucchini.com/>). With an easy-on-the-eyes pale mint green background and beautiful photos of food she cooked or bought, the site makes me come back day after day to check for new and interesting updates.

The blogger Clotilde lives in Paris and from her decadent cooking style, she is unmistakably French. Surprisingly, many food bloggers appear to have ties to the engineering profession. Clotilde worked

in Silicon Valley, then back to France in a software company. Recently she signed a book deal with a New York publisher and started to write full-time (an inspiring career path for me).

While the two ingredients in the blog title appear to be an unlikely combination, she decides the latter reflects her style of cooking with organic, natural food and former her love of anything sweet, chocolate in particular. However, she did post a recipe for a chocolate & zucchini cake, which I haven't tried and not sure if I will anytime soon.

If you are a chocoholic like me, check out her "Chocolate Is My Friend" archive. Those photos alone are mouth-watering, not to mention the recipes. Also charming was her passion for even the slightest delight, such as the tiny wild strawberries growing on her windowsills. Did I mention that she is a Boggle enthusiast?

Despite the lack of attempt at the chocolate and zucchini cake, I am sharing a recipe following the zucchini theme. At one of the pancake breakfast fundraises,

I was asked by a couple people whether Cindy's Kitchen offers pancakes recipes. Although the answer was unfortunately no, I was quick to point out that I have one for latkes. Someone from the 2A Mech class told me his mother makes the best latkes, please try mine and tell me how it compares. At least, it looks very pretty.

After peeling the potatoes, submerge them in cold water until ready to use. This will prevent discoloration. Another thing I realized after trying the original recipe in The Children's Jewish Holiday Kitchen is that onions don't grate well and quickly turns into a mush, one needs to shred them finely by hand.

## Potato-Vegetable Latkes

- 2 large potatoes
- 2 large carrots
- 2 medium-size zucchini
- 1 large onion
- 3 eggs, beaten
- 1/2 teaspoon salt
- 1/8 teaspoon pepper

3/4 cup matzah meal  
Vegetable oil for frying

1. Peel potatoes and carrots. Grate the zucchini, potatoes, and carrots with a grater. Shred onion by hand.
2. Beat the eggs.
3. In a bowl, mix together the grated vegetables, beaten eggs, salt, and pepper. Stir in the matzah meal.

4. Shape the batter into pancakes, using 1-2 tablespoons of mixture for each.

5. Over medium-hot heat, heat 1-2 tablespoons hot oil in a frying pan. Fry the latkes, a few at a time (depending on the size of the pan) for 1 1/2 minutes per side. Add additional oil as necessary.

6. Drain on paper towels. Serve hot with applesauce or sour cream.

If desired, fry the latkes ahead of time and drain on paper towels for 1-2 hours at room temperature. Reheat on an ungreased baking sheet in a 350°F oven for 8-10 minutes. You can also freeze the latkes and store them. Reheat in a 350°F oven for about 15 minutes.

## Restaurant Review: Lunch Box



JOHN OLAVESON  
3B CIVIL

Cindy and I went to the Lunch Box to try the new restaurant out. It's over in the plaza, where Jamaican Jerk used to be. By plaza standards, the place is fairly spacious.

We arrived during the lunchtime rush. It passed Cindy's busyness test, as she does not trust restaurants nobody frequents during the busiest time of the day. We placed our orders as soon as we were able to make our selections off the menu. Spicy chicken, udon, and grilled eel are among the many choices. I, in

my quest to try many different kinds of food, picked the eel. Cindy took the seafood udon.

In about five minutes, our meals were ready. I was disappointed to see my eel being microwaved. It had cooled down by the time I got to it, as well. On the positive side, the dumplings were tasty. The meal also came with sides of veggies and fish balls, each served in a sauce, and rice. If one was to run out of rice, the Lunch box offers extra rice at no charge. They have a huge steamer full of it. Lunch Box offers complimentary miso soup and green tea. However, the portions

of the side dishes were smaller than I like (three dumplings, three fish balls, and a scoopful of mixed veggies), and I left the Lunch Box not feeling satisfied.

Cindy found her Udon rather a small portion as well. For someone her size, it meant a lot. It came with fish cakes, fish balls, deep fried tofu and vegetables. She didn't find the carrots and broccoli her idea of what should have gone into a Japanese Udon soup. While the other ingredients were flavourful, they did not stand out as anything out of ordinary and decided it wasn't worth the \$5. She had also tried the spicy chicken

and the shrimp tempura on previous visits. The spicy chicken, more of a Korean dish, was of a decent portion. The spiciness was rather tame, assuming it was toned down for the general population in Waterloo. The best of all their menu choice has to be the tempuras. The shrimp were fair sized, battered and fried to a nice crispiness. The sauce drizzled on the shrimps complemented them nicely. However, the batter wasn't as light as more upscale Japanese cuisine.

The two of us ate for under \$14, with no drink except the green tea. When I compare the quality of the meal to the cost, I find myself disappointed. I have spent less and been more satisfied from many other restaurants. In the end, I think I would only go back if someone else was set on it.

*"Cindy found her Udon rather small... for someone her size, that meant a lot."*



**Sandford Fleming Foundation**  
E2 3336, ext 4008, [sff@engmail](mailto:sff@engmail)  
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*The Sandford Fleming Foundation is pleased to announce  
the winner of the 2005  
Karen Mark Scholarship:*

**Lisa Yun Chen**  
*Electrical and Computer Engineering*  
*Congratulations, Lisa*

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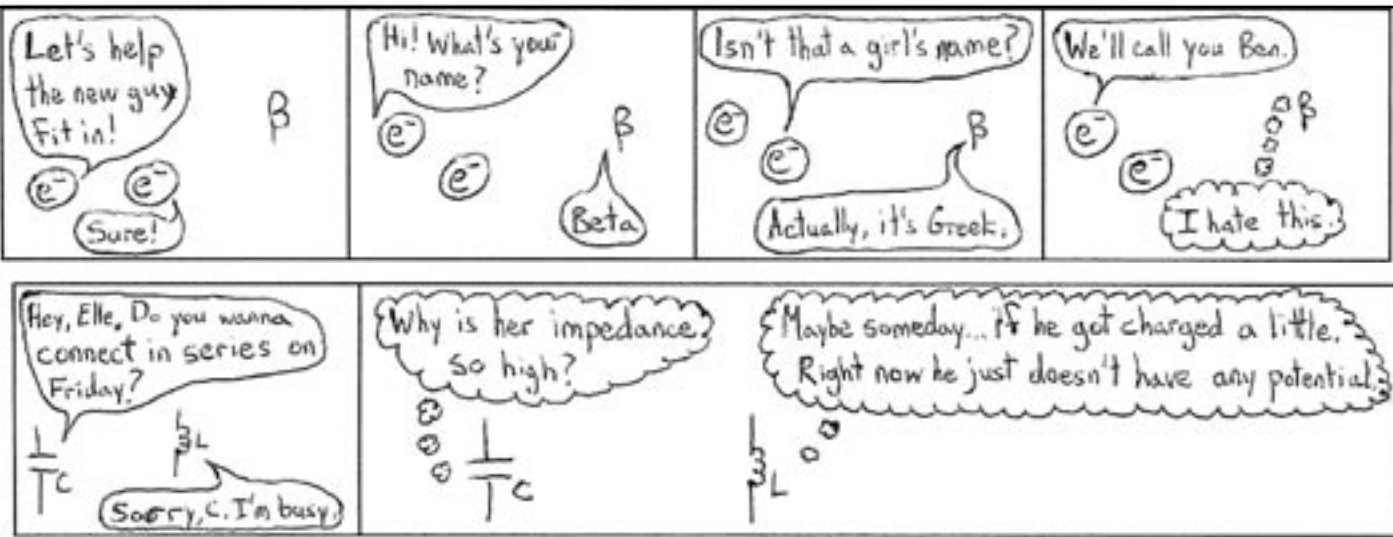
Connect The Dots

PHIL NEWMAN  
2B SYSTEMS DESIGN



EngComix

HAROUT MANOUGIAN  
2B ELECTRICAL



Rheostatics

Continued from page 8.

by doing an excellent cover of Neil Young's 'Powderfinger' at the end.

The next guy, Justin Rutledge, was a mellow singer-songwriter type. He was good enough at what he did, but sounded like one of those artists who you have to listen to in recorded form, and also while you're in a thoughtful mood. Since he didn't command much of the crowd's attention, he wound up walking off stage and conducting a sing-along in the midst of the audience. This was a nice touch, and everyone got into it. It atoned for his questionable lyrics, such as "God bless garage bands in the basement." If they were garage bands, wouldn't they be in the garage? But then again, perhaps in the Canadian spirit of the Rheostatics, Rutledge acknowledged that Canadian garages get really cold in winter, so the bands probably migrate to the basement after all.

And then, the main event. The band came out and plugged in, and before you knew it, you were ear-deep in the complex wall of sound they'd created. No single word can describe the noises you hear at a Rheostatics show. They vary so much from song to song, from thoughtful folk to lofty prog-rock to arty experimentation to straight-up indie rock. Martin was sporting a curly wig and a buckskin shirt that would have done Trudeau proud, rocking out on his double-necked guitar adorned with a rejected Canadian flag design. Ford was characteristically intense, Michael was an able servant to the groove, and Dave and Tim mugged for the audience.

One sour point to the night was Martin's repeated electrocutions by his mic stand. Eventually he got fed up with it and went outside for a reprieve. "Over the years, every time we gave Martin an electrical shock," said Michael, "we would give him a cigarette. Looks like he's conditioned now." The band started the next song without him, but Martin couldn't stay away and re-joined them on the stage, completing a literally electrifying two-hour set.

This is a band that will never be huge. They're too erratic for that. But they are respected, and that's more important. And don't worry, Waterloo, this is the second time they've come to the Starlight since I've been at UW. They'll be back soon enough.

the Iron Inquisition

Philip Newman, 2B Systems Design

If you were an Artsy, what would you do after you graduated?



"Find an engineering guy and use him for his money."

- Annie Leung, 2B Systems



"Flip burgers."

- Darren Tay, 2A Software



"Re-apply to Engineering."

- Jill Goll & Mike Archer, 3A Chemical



"Polish shoes."

- Geetha Kunasagaran, 2B Mechatronics



"Pick a street corner."

- Ken Hanes, 4A Environmental



"What was the question again?"

- Eliot Barker, 2B Systems



"Summer camp in Brazil."

- Heidi Lamarche, 2A Civil



"Become a Prof in Systems Design."

- Dave 'Sideburns' Girodat, 3B Civil

# Money Management 101

Sure, monkeys are cute and cuddly, but taking care of one is no easy task! Believe it or not, managing your money can be easier than managing your monkey.

Here are some tips to help you manage your money.

**Money in the bank:** regularly depositing money – and keeping it there – shows you know how to save as well as spend.

**Bills in your name:** from a cell phone to cable TV to a credit card, having bills in your name can help build your credit rating; an important measure that lenders use to determine whether they should give you a loan such as a line of credit, mortgage, car loan, etc.

**Pay up and pay on time:** late or missed payments have a negative impact on your credit report.

On November 21 the MasterCard Money Management Crew will be on campus.

You can also visit [www.mastercard.ca](http://www.mastercard.ca) and click "Consumer Education."

