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Get Ready  
to Push

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Married in  
Engineering

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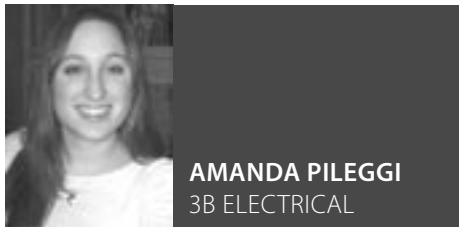


Exchange to  
England

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## ECE Chair Engages Waterloo Undergraduate Students



AMANDA PILEGGI  
3B ELECTRICAL

On January 30th, 2006, Dr. Catherine Rosenberg, Chair of the Department of Electrical and Computer Engineering, called a town hall meeting with all undergraduate ECE students on campus this term. The meeting was held to discuss the highlights and proud moments of this past year as well as the current state of affairs of the department and anticipated goals for both the near and long term future.

Rosenberg's opening line was "Let me tell you what I think you don't know", and everyone chuckled as she proceeded to inform ECE undergrads about several impressive awards received by ECE faculty members over the past year. Professor Magdy Salama was one of three recipients of UW's prestigious award for Excellence in Research in September of 2006. Also recognized were faculty members who had received provincial research awards. Professor Mohamed Oussama Damen received an award for his work on: "Enhanced Sequential Decoding in MIMO Links," while Professor Ladan Tahvildari got one for her research on "A Self-healing Framework to Enable Adaptive Software Systems."

Rosenberg spoke about the creation of new Masters of Engineering (MEng) programs to be offered. Among these are programs in Sustainable Energy, Software Engineering, Networks and Security, as well as Management Engineering, and the option to take any graduate-level ECE course.

There was big talk at the meeting regarding very optimistic plans for three new Engineering buildings. Rosenberg couldn't tell us much, but she seemed quite confident that the ECE department is in a great position to acquire its share of space once the buildings are constructed.

The 2007 Fourth Year Design

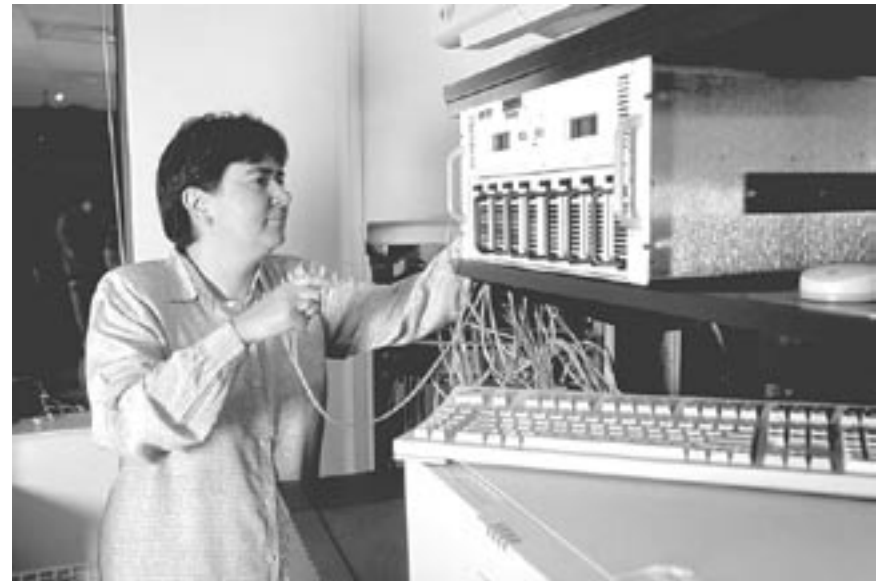
Symposium was also recognized as a great success. Rosenberg stated that she is still impressed and amazed, year after year with the talent, skills, and creativity showcased by the senior ECE students at the annual Symposium.

The discussion also touched on the fact that the ECE 4th-year Study Room was to be ready sometime this term. Rosenberg hopes to have a grand opening celebration as soon as the new furniture arrives.

Rosenberg also talked about several priorities that were in the works for 2007. Hiring new faculty members and lecturers is a major priority, as there are a vast number of openings in the department. CEAB Accreditation is also on the horizon, and the ECE department is busily preparing to be ready. With the recent revision of the ECE undergraduate program to be introduced in less than two years, Rosenberg gave us her commitment that the department's focus still remains on giving the proper attention to all undergraduate and graduate programs.

The town hall meeting was wrapped up by Dr. Rosenberg fielding several questions from the audience. One question that seemed to keep resurfacing was if the department planned on introducing any more power systems courses - and if the department did not have the capability, whether they would at least make it easier for ECE students to take courses from other departments in the power field. Evidently, the department does plan to level the playing field when it comes to offering an equal amount of technical electives from each branch in ECE, and just a few days after the Town Hall Meeting, the department adjusted the planned schedule for Spring 2007 to allow students taking ECE 471 as a core course the flexibility to take a power course offered through the Mechanical Engineering department.

The meeting was adjourned after 45 minutes and was followed by a round of applause from those in attendance, signaling the meeting's success and the audience's appreciation that the Chair had taken the time to address the students personally.



Dr. Catherine Rosenberg at work

## The Ongoing Genocide in Darfur

CHRISTOPHER TUCKWOOD  
UW GENOCIDE ACTION GROUP

Genocide is an often misunderstood and abused word. Simply put, it means the organized and intentional extermination by force of an entire group of people who make up a race, ethnic group, nation, or religion and is perhaps the highest crime and the worst evil that human beings can commit against each other. Usually when people think of genocide, their minds immediately spring to historical events like the Holocaust which saw the near-destruction of Europe's Jews, the Armenian Genocide in the Ottoman Empire, or the killing frenzy which saw almost a million Tutsis hacked to death in Rwanda in 1994. Too few people realize that genocide is taking place in the world right now.

The scene of the crime is Darfur, a region comprised of three states in western Sudan, which is Africa's largest country. Prior to Sudan's independence, Darfur was a colonial backwater administered by the British and Egyptian co-rulers of the area. Today, it is a largely desert agricultural area larger than France with about six million inhabitants. Over thirty different tribes call Darfur home, the majority of them considered to be "Black" Africans, and the remainder Arabs. All of them are Muslims. The labels "Black" and "Arab" are misnomers, as generations of interbreeding have made everyone in Darfur physically almost indistinguishable. The terms have taken on some meaning over time though, with Arab referring to the supposedly "civilized" nomadic tribes and Black indicating the supposedly "barbaric" settled farmers.

Sudan as a whole is divided between those identified as Arab and Black. The Arabs in the north dominate the government of the country from their capital Khartoum and have long neglected and marginalized those areas not inhabited by them. This was the case in Darfur, which was long deprived of all but the most basic resources or representation in government. In early 2003 many of Darfur's tribes united to form the Sudan Liberation Army and rebelled against the government. Their goal was not independence but rather just to be noticed by the central government and given their fair share of resources and a voice in their country.

The government's response to this rebellion was harsh. Not only did the government of Sudan's army respond to the rebels, but its air force and Arab militias, known as the janjaweed, began to target the civilian population of Darfur. A typical janjaweed attack on a village begins with bombing by the air force, followed by the arrival by camel, horseback and trucks of these militias drawn from nomadic Arab tribes. When the janjaweed enter a village, they kill as many people as they can find, especially men. Women and girls are raped, children sometimes taken into captivity or simply killed, whatever can be carried off is stolen and all that remains in the village - buildings and all - is burned to the ground. The janjaweed are directly supplied and sponsored by the Sudanese government. Some of them are even given distinct Sudanese Army uniforms.

## Lend a Helping Hand



MARIAN SAAVEDRA  
3B ENVIRONMENTAL

Strapped for cash and need some food? Well, maybe not you, but there is a surprising population of students who do need help. The UW Food Bank is a student-run service administered through

Feds. Dedicated volunteers keep the Food Bank open. And it is with the help of very kind people like yourself, yes, you, readers out there, that keep supplies abundant. This reason is why EngSoc has been kind enough to hold a food collection bin in the Orifice and you can now get valuable P\*\*5 points for helping out. For those of you who are too scrawny to lug over a can of beans, your weekly grocery tapes will suffice.

Continued on page 10: Food Bank

Continued on page 9: Genocide

# Iron Editorial: A Month for Us All



**HAROUT  
MANOUGIAN**  
EDITOR-IN-CHIEF

When February rolls around, it usually turns young engineering minds on their significant other or pushes them to make a move on their significant other-to-be. Perhaps it even got you thinking about the end of winter as last Friday's reports from Warton Willie were heavily publicized. There are a number of other significant events to note from the Super Bowl to Mardi Gras to the Chinese New Year. However, among all the commotion, do not forget that the month of February is also Black History Month in the United States and Canada. The US designated the second week of February as Black History Week in 1926, expanding it to the entire month in 1976. In Canada, the federal government officially recognized February as Black History Month in 1996.

If you cannot trace your ancestry back to Africa, you may think that Black History Month is not directly relevant to you. Hopefully, however, you realize that such a misinformed opinion is ridiculous. Black History in North America is, in fact, about the history of the development of Western democracy.

In 1776, Thomas Jefferson drafted the Declaration of Independence, vaulting the Thirteen Colonies into nationhood. In it, he wrote, "We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the Pursuit of Happiness." It was not until 1865, however, that the end of the American Civil War and the ratification of the Thirteenth Amendment brought with them the end of slavery in North America. Mexico had abolished the practice in 1829, while Upper Canada had introduced the Act Against Slavery in 1793, finally banning it outright in 1833. Thus, ninety years after Jefferson declared it, all men finally had the Right to Liberty. (It would take another three decades for New Zealand to become the first country to introduce universal suffrage, granting women the right to vote as well.)

Unfortunately, however, the rule of law was not consistently upheld in the South. In 1866, Confederate Army veterans created the Ku Klux Klan, one of the most despicable organizations in modern history, whose sole purpose was to intimidate freed slaves as well as those White Americans who sympathized with the new egalitarian social order. The KKK was destroyed and recreated several different times and spread geographically outwards from its Southern origin. Through intimi-

dation tactics such as burning crosses and lynching, it greatly affected Southern politics, through which it attempted to curb the education and economic advancement of Blacks, homosexuals, and other racial and social minorities. In post-World War I America, the KKK had become so powerful that it held parades of thousands of hooded members through the streets of major urban centres, including Washington, D.C. The swell in membership was attributed to the making of movies that, ironically, portrayed the group as knights of freedom. It is estimated that the KKK had six million members by 1924.

Black Americans, who endured frequent violent attacks that were not directly publicized, probably suffered the most during this time in the state of Indiana. It was in that state that one man, D.C. Stephenson, would bring the KKK to the pinnacle of its political power and, subsequently, push the group back to the fringe of society where it belonged. Stephenson, after an internal struggle for power, became the leader of the KKK in Indiana in 1922. There, he expanded membership by misrepresenting the KKK as an advocate of prohibition and "Protestant womanhood". As the movement gained steam, Stephenson became the most powerful man in the state, as the politicians that he endorsed were virtually all elected and many law enforcement officers sympathized with the movement. This power was abused to give the KKK free reign to privately restrict the civil rights of Indiana's Black population without consequence from the law. It was this very abuse of power and epitome of hypocrisy, however, that would end the descent of democracy.

In 1925, Stephenson was tried for murder after the abduction, forced intoxication, and sadistic rape of Madge Oberholtzer, who died from the abuse. At first, Stephenson believed that his reputation would prevent any jury from condemning him, and, even if they did, that he would receive a pardon from Governor Ed Jackson, whom he got elected. He remains notorious for defiantly declaring "I am the law in Indiana." Thankfully, with the hypocrisy of the KKK "unmasked" the American people finally rejected the hate propaganda and reasserted the rule of law. Stephenson's reign of terror ended and he was sentenced to life in prison. After Governor Jackson refused to grant him a pardon, Stephenson released the names of the public officials who had accepted bribes from the KKK, almost all of whom were subsequently removed from their positions. From that point forward, the institutional deficiencies that led to the violation of Black Americans' Constitutional Right to Life were removed.

After World War II, discrimination against Blacks remained institutionalized in the Southern states through the laws of segregation. Black people were not

allowed to attend the same schools, use the same bathrooms, or even eat at the same restaurants as White people in a society that called itself "separate but equal." This, of course, led to the Civil Rights Movement that brought down the racial barriers of society. By 1968, the movement, with leaders such as Rosa Parks and Martin Luther King Jr., was successful in criminalizing segregation, banning discrimination by employers and establishments, and restoring voting rights to the disenfranchised. Although anti-Black violence continued to occur sporadically, the FBI, by this time, had begun a special program to crack down on any organized attempts to restrict citizens of their civil rights. Finally, the unalienable Right to the Pursuit of Happiness was institutionalized for Blacks nearly two hundred years after it was promised.

Canada has proven to be a more socially advanced land throughout these years of turmoil; however, it too succumbed to xenophobia with its restrictions on immigration from non-Western European countries. Lest we forget the Chinese Exclusion Act or the internment of Canadians with Ukrainian, German, or Japanese heritage during World War II, which also lifted the rule of law for a while. After all, it was not until the Civil Rights Movement in America that Canada also began to shed its discriminatory practices. Our advancement is evident today as you walk the halls of Carl Pollock Hall and observe that those around you have come from all four corners of the globe to study at a world class university in a country true to democratic principles. It is evident as there are countless clubs listed with the Federation of Students eager to introduce a new culture to anyone who has the time to experience it.

It is true that Black History Month also commemorates the contributions of Black musicians, artists, scientists, and athletes. However, it is the perseverance and democratic principles of Black citizens that have made our societies shine before the rest of the strife-torn world. That is why, no matter what the colour of your skin, Black History Month is directly relevant to you.

In the world today, conflict based on racial, religious, and linguistic grounds continue to haunt populations and claim human lives. You can make a difference though. By getting involved with organizations like the UW Genocide Action Group and UW International Health Development Association (UWIHDA), you can bring some hope to people whose societies have not yet been transformed and expedite the process for them. Or, even more simply, you can ask someone in your class to whom you rarely speak, who has a culture different from your own, to talk about his or her ancestors' history, culture, or language. The look in their eyes will prove that you are making a difference.

## THE IRON WARRIOR

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## Future Submission Deadlines

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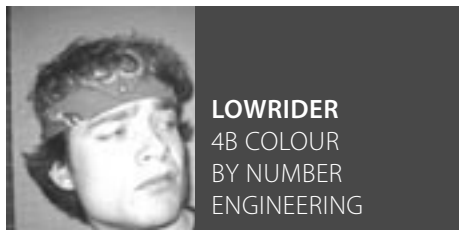
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The Iron Warrior encourages submissions from students, faculty and members of the university community. Submissions should reflect the concerns and intellectual standards of the university in general. The author's name and phone number should be included. 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.

Mail should be addressed to The Iron Warrior, Engineering Society, CPH 1327, University of Waterloo, Waterloo, Ontario, N2L 3G1. Our phone number is (519) 888-4567 x32693. Our fax number is (519) 725-4872. E-mail can be sent to [iwarrior@engmail.uwaterloo.ca](mailto:iwarrior@engmail.uwaterloo.ca)

# All You Need is Low



Dear Lowered Ryder,

Once upon a time, there was a little girl named Goldilocks. She went for a walk in the forest. Pretty soon, she came upon a house. She knocked and, when no one answered, she walked right in.

At the table in the kitchen, there were three bowls of porridge. Goldilocks was hungry. She tasted the porridge from the first bowl.

"This porridge is too hot!" she exclaimed.

"This porridge is too cold," she said.

"Ahhh, this porridge is just right," she

Dear Creatively Inspired,  
What an excellent piece of plagiarism. How can I not publish such a wonderful piece of literature? Thanks for your productive contribution to society. I'm going to go have nightmares of my childhood now.

\_LR\_

Dear LowRider,  
All the hype was for nothing... I heard your articles were full of humorous and provocative content. I can't believe I was actually looking forward to reading your crap bi-weekly this term. Your column is all about you for goodness sakes! It is your feeble attempt to be a cool guy in engineering!

I really just want to slam you up against the wall and scream random tough guy words like it's not all about you. Yeah.

Highly recommend attending Larry's class by the way. I fail to see the self centeredness in the previous paragraph.

With only a couple of moments until IRS, how can't we all toot our horns a wee bit?

\_LR\_

Dear \_LR\_,  
Would you mind reminding the engineering student body to vote on FEBRUARY 14th?

-Anonymous

Politically Concerned,  
For goodness sake's LowReaders, stop yer bitching about Bomber and Tim Hortons and stuff and vote for the candidate who will slack off the least.

\_LR\_

Congratulations! You may just be the first person in history to reply to my writings. I have a wonderful idea. Isn't valentine's day coming up soon? Go to Walmart and buy a military spec crossbow and get a hold of that little fat chubby guy named Cupid. Borrow a couple of his arrows and go nuts.

Go with your heart my friend. Follow the words of Mr. Lennon. Simple.

\_LR\_

Dear LowRider,  
My house is so empty! My roomies may not be here but I can still smell their terrible hockey equipment. The only ones here right now are Mom and Dad but they are 2 floors up and only communicate to me in the basement with a cell phone. My Italian brother next door is gone too! Oh how I miss him so. Him and his girl friend usually coo me to sleep with giggles, chuckles and every now and then an orgasmic outburst. How do I solve my lonesomeness?

-Snuggles the Bear

Dear Loner,  
Dumbass. You should have burned a CD of the Italian love song before they left you for a concrete missile. You might me able to find such a compilation at your local adult movie superstore. Good luck with that.

\_LR\_

Dear LowRider,  
There's less than an hour to the deadline and I don't have anything to fill Page 3 with. What should I do? ARRRRRRRRR RRRGGGGGGGGGGGGHHHHHHHHHH HHHHHHHHHH! I'm a pirate.

-Iron Editor

HM,  
Easy Captain Morgan. You'll get your writings. Until then, practice walking the plank.

\_LR\_

'till next time kids, keep it low.

Have a problem? Need advice?  
Email LowRider at  
[uw\\_lowrider@hotmail.com](mailto:uw_lowrider@hotmail.com)



*Riding Low on the Autobahn*

said happily and she ate it all up.

"Someone's been eating my porridge," growled the Papa bear. Papa bear liked Goldilocks' blonde hair. Goldilocks' liked Papa bear's furry chest.

Just then, Goldilocks woke up and saw the three bears. She screamed, "Help!" And she jumped up and ran out of the room. Goldilocks ran down the stairs, opened the door, and ran away into the forest. And she only returned occasionally for conjugal visits.

THE END

-Storyteller

Stop writing such garbage.

-Jealous 08

Dear Smurf,  
Here's the problem. LowRider has become so big that much of the column's content has had to be outsourced. LowRider is so handsome. LowRider Inc. is going global. Much of the content comes from Eastern Europe believe it or not. LowRider is so smart. Labour and creativity are quite cheap there. Globalization affects us all. Larry has filed my head with such wonderful economics by the way. LowRider's dog is bigger than your dog.

Dear LowRider,  
I still have this really big crush on that girl in my class. Your advice didn't help me out at all. So I thought I'd write to you again Mr. Low. The problem is I'm all flabby in my old age. I started working out as soon as I read your black underwear comment. Oh God... I'm helpless... oo00oo000ooooo << Those are tears. I'm crying all over my emails.

-Sad

Dear Hopelessly In Love,

## What's An EngGirl To Do? The Trials and Tribulations of Finding a Date at UW

ENG GIRLS UNANSWERED  
FEM ENG

One would not expect that at a university such as UW, where the hallowed halls of which we walk are filled to the brims with testosterone, that it would be so difficult for a girl to get a date. I mean a decent date. Not a go-to-the-bar and get so piss drunk out of your mind that you don't remember who you were with or what you did last night kind of date. We're talking about a real date here.

Before we continue, we must stress that the point of this article applies to anybody looking for a decent relationship with anybody else, be it male, female, Laurier highschooler, amoeba, or whatever other form of life you desire.

There are a lot of guys at Waterloo.

There are some girls at Waterloo. So, what's the problem, you ask? Well, my friends, the problem is simple. How do they meet each other?

Think about it. How do you meet guys? Girls? Here at UW there are a few common answers - classes, residence, bars, clubs. We'll begin at the beginning.

Dating somebody in your class is just trouble. Plain old trouble. We'll ignore this possibility in the favour of diversity. What would the world be like if Mechanical Engineers only dated Mech Eng's, Chemmies only dated Chemmies, Artsies only dated Artsies, Mathies only date Mathies (shudders). You get our point. What if you want to meet somebody who is not studying the exact same thing as you? Somebody who has a different perspective on life, from a different angle?

Next, there's residence. But since most of us no longer live in residence, and apart from first year, it is highly uncommon to know who your residence neighbours actually are, we can cross this possibility out.

What does that leave? Clubs. These can be a good thing, as they provide a strainer effect to ensure that everybody in a club has at least one interest in common. But many of the clubs on campus are very cliquy in the sense that they draw one core type of people. Also, 'club hopping' to find a date isn't that practical.

So now we get back to the original point. How does a girl find a decent date? It seems that this day in age the main outlet for this ambition is bars. What a disgrace to our highly evolved society. We can put people on the moon, talk to people in China for under a dollar a minute, but to

meet a guy we must dress up (or down as most girls tend to do), go to a bar, drink and try to meet someone. Somehow a drunken, slobbering, stumbling, smelly stranger who thinks that they're God's gift to women is not my idea of a good date, let alone an evening better spent than cleaning up the mess in the basement after the toilet exploded. I hope you get my point.

We say, dare to be different. There's GOT to be some other way. Guys, Girls, we challenge you. Try something new. Try taking a look at the people around you, saying hello to that hot guy or that pretty girl, and meet them when you are yourself. You might actually enjoy it, and have a good time. Who knows, maybe we'll start a trend, and have a chance at getting a date against all the odds.

# Beyond the Border: A Waterloo Exchange in Leeds

JEFF EMMETT  
3B ELECTRICAL

So, you're going on exchange. Oh... you're not? Well, you are now. When I was considering doing a term abroad at Leeds University in England during my 2A term at Waterloo, I spoke to a few friends who had done it in the past and they highly recommended that I go. I'll do one better for you, I'll tell you that you're going - because without this past term in England, my education at Waterloo would have been pathetically lacking. I don't mean in the sense of calculating Fourier Transforms and analyzing dipole antennas, you can pick all that up with the right book and a little motivation; I mean real education. The eye-opening, priority-shifting, personality-altering, life-changing kind of experience that you can get by leaving your old life behind, throwing your homesickness to the wind and embracing a new culture for all its quirks and differences.

England has its fair share of quirks, with the oft-seen male 'tight-pants' syndrome, the unruly football hooligans in the streets, and funky hairstyles (note: never get a British hairstylist to shave your mohawk), but I wouldn't change a thing about it - except maybe to extend my stay a little longer. The atmosphere



Canadian creativity was the hit of the Halloween party in our flat



An Aussie, a French girl and three Canadians go to a bar ...

of an exchange in a foreign country is one of the most relaxed and friendly ways to meet people that I have ever known, and before long, you will no doubt find that you are surrounded by friends from all over the world. The varying perspectives and nationalities are a wealth of knowledge to a student who grew up in Canada, and you will find yourself arguing slang with Aussies, discussing U.S. politics with the Swiss, dancing with the French, and pondering how long it would take to kill a blue whale using only a kitchen knife with, you guessed it, a Canadian.

There are also great travel opportunities from England. The English school year starts in October and runs until January,

with most of the month of December off for Christmas holidays. This is a good chance to do a month-long Eurotrip with your newfound friends and get a taste of what European life is all about. If you look around a bit, you can even find discount flights to places like Morocco for a penny! That's good even after conversion to Canadian pennies! Speaking of currencies, you may think that everything is ridiculously expensive in England. You would be right. But after a while you forget to convert everything into CAD and paying £5 for a meal no longer registers as a staggering \$12 for a burger and chips. On the bright side, when I get back to Canada I will believe I am the richest man in the world, and I won't have to eat bread and peanut butter every day to survive... but I will anyways.

Going on exchange to any country is an amazing and rewarding experience, but if you're having trouble deciding where to go, I will give you a list of reasons to choose Leeds over any other school:

1. Leeds itself. There are two universities within a few blocks of each other, not to mention innumerable colleges in the vicinity. The city is run by students, who make up one fifth of the city's population, and you would be hard-pressed to find a night where you couldn't find a

great party... to further your education, of course.

2. Frosty Jack's. £3 for a 3L bottle of white cider goodness. The cheapest and most miraculous alcohol known to man. At 7.5%, it allows you to enjoy a good night of dancing after half a bottle (or more if you're brave) with no hangover. It's mixable, perfectly chuggable, and doubles as an excellent Halloween costume. Actually, Frosty Jack's should be number 1 on this list.

3. Ratio. You know what I'm talking about. We would often play a little game to see who could remember the last time we passed a guy walking down the street. Take that, Waterloo Engineering!

4. As far as Engineering at Leeds goes, it is much more laid back than Waterloo. Fewer classes, easier labs, and compared to a 3B Elec term back home... well, there is no comparison.

I could ramble on forever about our experiences, and impart valuable knowledge to future exchange students, but this paper doesn't have the space, nor I the time. You will not regret the decision I made for you today, so get out there to the Engineering Exchange office and talk to Cindy Howe about where you're going!



A visit to the Louvre à Paris

## FEDS Election Candidates

JEFFREY AHO  
2B MECHATRONICS

### President

Kevin Royal ([www.feds2007.com/pres/pres.html](http://www.feds2007.com/pres/pres.html))

#### Platform:

Make Feds Relevant - Cross campus Feds, events in engineering  
FedsPulse and FedsCensus - Communications strategy - New Feds.ca

Be Fiscally Responsible - Reduce exec budgets, less time at conferences

#### Experience:

ASU President/VP Internal  
Feds Internal Administration Committee

Don - Village One / UW Place

#### Speaking to IW:

Kevin is committed to getting Frosh informed about Feds, as early as Frosh week. He believes "the decisions for FOC selection in all faculties should be in the hands of the students" not with Feds and Admin.

Adam Schubert ([www.eng.uwaterloo.ca/~ajschube/](http://www.eng.uwaterloo.ca/~ajschube/))

#### Platform:

Improve Communication - Between Feds/Societies, better use COPs

Make Feds a more action-oriented collaboration between students  
Streamline and update clubs policies - Reduce Red Tape

#### Experience:

Only Engineering Executive Candidate

Engineering Senator

Engineering Frosh Leader

Speaking to IW:

Adam wants to bring a different perspective to Feds, to make it high profile not just at UW but also in the community. He is pro refundable bus pass and supports PD courses. "There is no downside to more education."

Michelle Zakrison ([www.2007ex.com/?page\\_id=4](http://www.2007ex.com/?page_id=4))

#### Platform:

Improve website - More information on work, FAQs, appointments

Expand Monthly Feds Meet and Greet (info sessions) in SLC

Work with GRT to implement BUS pass if referendum passes

#### Experience:

Incumbent Feds President  
Feds Councillor and Board Member

Don and Environmental Studies FOC

#### Speaking to IW:

The candidate did not respond to

IW's interview request.

### Vice-President, Administration & Finance

Arthur Chan ([www.feds2007.com/vpaf/vpaf.html](http://www.feds2007.com/vpaf/vpaf.html))

#### Platform:

Reallocate wasteful spending and present budget to societies

Improve Businesses - e.g. "Get to Class Guarantee" at the Bomber

Implement Feds discount cards for events, businesses, give to Frosh

#### Experience:

Economics Society President/Vice President

Residence Don

Legal Resource Office Volunteer

#### Speaking to IW:

"Iron Ring Stag should be at Fed Hall. TalEng should be held at Bomber. Students want these events on campus, and Feds should be serving its students." Will address the "troublesome" profit of the Used Bookstore.

Delsavio Pereira ([www.votedel.com/](http://www.votedel.com/))

#### Platform:

Implement Plan for Feds to cater to Society C&Ds

Ensure a smooth relocation of Aussies within budget

Develop plan to have 50-80 more people at Bomber nights

#### Experience:

President of UWSSC

4 years working at Feds Businesses

#### Speaking to IW:

The candidate did not respond to IW's interview request.

### Vice-President, Education

Stuart Hastings ([www.teamstu.ca/](http://www.teamstu.ca/))

#### Platform:

Fight through lobby groups to address accessibility, affordability, accountability, and quality of education

Keep open and available VP Education office

#### Experience:

President of Environmental Studies Society

Manager of Environmental Studies Coffee Shop

Commissioner for Government Affairs Committee

#### Speaking to IW:

The candidate did not respond to IW's interview request.

Jonah Levine ([www.feds2007.com/vped/vped.html](http://www.feds2007.com/vped/vped.html))

Continued on Page 9: FEDS

## POINT VS. COUNTERPOINT

## Do Facebook and Google Search Present a Privacy Issue?

MICHAEL SIMOES  
3B CHEMICAL

In a world that flies by, and in which every single one of us is becoming slaves to time, we have to be more aware of how our privacy is affected. The internet, the cybernetic super highway, gives access to everyone from around the world information about you.

According to Google's own privacy policy, every search gets stored on a server log including "information such as your web request, Internet Protocol address, browser type, browser language, the date and time of your request and one or more cookies that may uniquely identify your browser." This is a privacy issue - no one has the right to log and store what one is searching on the Internet. It is just one

step away from putting mini cameras into our houses and seeing what is done day in and day out. Remember the movie "Enemy of the State" with Will Smith? These things are taking place through the Internet. The Internet is also among the tools which the United States and other Western governments use in gathering information and intelligence in the ongoing War on Terror.

Facebook is an online social networking service that helps you build and maintain networks of friends with shared interests over the Internet. It also generates issues of privacy with those who are using it. Ultimately, you have to make the correct choices in what you allow other

people to see, you have the choice to allow friends and block "stalkers". But what is happening with those people who created and run Facebook? Much like Google, they can easily gain access to your account if needed - they wrote the code, and can break the encryption at will.

But Facebook is relatively safe because the user can set the privacy tolerances and restrict access to those who are in his or her "network of friends." There are other online services such as MySpace that do not provide such protection, and have weak privacy controls and policies that will make the information you send viewable to anyone, be it your "friends", potential employers, or even the government.

Even with the safe features of Facebook, new technology and hackers can always find a way to break encryption.

***"Even with the safe features of Facebook, new technology and hackers can always find a way to break encryption."***

If a hacker can break into government files, they can break into your Facebook account. If the code of Facebook proceeds with the technology and keeps creating better encryption, there is always another way of breaking into another

person's private network. Find a friend of the person you want to stalk, become friends with them, and easily you have access to the person you want to stalk.

Overall, the Internet, being a vast source of information, is too insecure for you to allow private information to be online. Sometimes, you have no choice, as with the issue of Google Search, where whatever you search is logged and stored in a database. With Facebook, however, you do have the choice not to allow private information to be shared. The onus belongs to each person. If they want to share private information online, then they should not complain about their privacy being broken.

ED TAN  
4B COMPUTER

Recently, I was in one of the labs trying to study for my midterms when I noticed that my friends were all updating their accounts on this social networking site known as Facebook. I was intrigued and decided to get myself an account. Soon, I was part of the University of Waterloo network and I was meeting all sorts of interesting people. For a brief moment I realized, "What the hell am I doing? I'm in freakin' Waterloo right now - I can just turn around and start meeting people", but that feeling quickly subsided and I resumed visiting random profiles and reading posts.

One of these posts that I read happened to intrigue me; actually, more like annoyed me. There was this one person who was complaining about how there wasn't a tracker for Facebook. For those who don't know, a tracker is an illicit third party program that allows a user to see who has visited and viewed their profile. Their argument is that such a program is necessary because of all the privacy concerns. Bullshit. Facebook, as well as many other social networking sites, has features that allow you to block unknown people from visiting your profile. There are no privacy concerns because only your pre-authorized friends can view your personal information.

However, some people insist on throwing their information out in the public

domain and then complaining when random people access their information. This is equivalent to stapling your photo and personal information on a bulletin board in the SLC and then complaining when random people start reading it. People who install trackers are even worse. That's the equivalent to posting your information up in the SLC and then hiding behind a potted plant to see who reads your information. And these are the people who are saying they are being cyber-stalked.

Anyway, I'm getting a bit off topic here, but the bottom line is, Facebook has features that protect your privacy, and if you choose not to use them, then that's your fault. Now some people may argue children who do not know better may also be using Facebook. In such a case, it is the parent's responsibility. When you plug that

***"Facebook has features that protect your privacy, and if you choose not to use them, then that's your fault."***

Internet cable into your computer, you are opening a door to the outside world. Most parents wouldn't tell their kids to go outside to play and not supervise them. So why would they let their kids log onto the Internet without supervision?

As I was wrapping up this article I realized that the counterpoint also mentioned Google Search as a privacy concern, so I decided to Google myself. Apparently, I'm a 19 year-old violinist, or I'm a Senior Financial Analyst for the Ontario government. I'm also an attorney and a donkey in a porn video. The point here is that there's so much information out there that it would take significant effort to compile an accurate profile of me. Now I'm not saying it's impossible to find my personal information online, but it would be much easier to simply dig through my garbage.

## "Privacy by Design" - A Crucial Design Principle

RUTH-ANNE  
VANDERWATER  
A-SOC PRESIDENT

On Tuesday, February 27, 2007, Ontario's Information and Privacy Commissioner, Dr. Ann Cavoukian will be coming to the University of Waterloo to share with students the importance of designing systems to protect our identities. Over the past ten years, she has been working with technologists, legal experts, and international organizations to ensure we retain the ability to control our digital identities. Dr. Cavoukian calls this "pri-

vacancy by design".

Come hear her speak about this relevant topic on Tuesday, February 27th, at noon in the Theatre of the Arts (ML 135). The doors open at 11:30 and there will be food and refreshments provided after the talk. Please register online at <http://www.mathsoc.uwaterloo.ca/ipc.php> today to ensure your seat. Your name will be entered into a draw for some great door prizes. This event is being sponsored by the Engineering Society, the Mathematics Society, the Faculty of Engineering, the Faculty of Mathematics, and the Department of Management Sciences. For more information, please contact Ruth-Anne Vanderwater at [asoc\\_prez@engmail.uwaterloo.ca](mailto:asoc_prez@engmail.uwaterloo.ca).

### Privacy By Design

A Crucial Design Principle

**February 27<sup>th</sup>**  
**12 noon (doors open at 11:30am)**  
**Theatre of the Arts (Modern Languages rm 135)**

Viable privacy must be architected directly into the technology. **Dr. Ann Cavoukian, Ontario's Information and Privacy Commissioner, calls this "privacy by design,"** and has been working to ensure that we retain the ability to control our digital identities.

**Come hear Dr. Cavoukian explain how this works, as she reviews her efforts to shape the evolution of identity technologies. Pizza to follow.**

Pre-register at:  
<http://www.mathsoc.uwaterloo.ca/ipc.php>  
 and your name will be entered into a draw for some great door prizes.

enter · fingerprint

*Katrina*

**Engineering Shadow Day**  
*Show 'em what it's all about!*

This is your chance!

- Tell a high school student about UW Engineering!
- Take them to your classes and labs!
- Show them what's cool around campus!

**We need YOU!**

**Tuesday February 27, 2007 - 8:30am to 12:30pm**

Sign up to help! Email [shadow@engmail.uwaterloo.ca](mailto:shadow@engmail.uwaterloo.ca)  
 Please tell us your name, academic term, and program  
 Questions? Email us too!

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Engineering  
Committee



Faculty  
of  
Mathematics

## ENGINEERING SOCIETY EXECUTIVE REPORTS

## Midterms, Reading Week and IRS



JEN CARROLL  
PRESIDENT

Welcome to February! The month of cold, love, and groundhogs brings with it midterms, reading week, and IRS. Not much is new in the world of prez however there are two things I wanted to mention to everyone.

First: Vote in the Feds Election! Feds (in case you hadn't heard) is our overall student body. The incoming Feds exec and senators/councillors will be representing you for an entire year (sometimes more in the case of senate) so make sure you take time to look into their campaign platforms, ask some questions, and make an informed

decision next week when you vote.

Second: Nominate people for Paul and Paula Plummer Awards! Each year at Grad Ball, Paul & Paula Plummer Awards are given out to graduating students who have made significant contributions to the Engineering Society during their time as undergrads. I'm taking nominations this term up until Feb. 16th and presentations about the nominees will be given at EngSoc meeting #4 after reading week (Feb. 28). The following people have already been nominated: Jay Grigg-Tait, Rishi Lukka, Ryan Harris, Butch, Katherine Pomeroy, Melinda Hurd, Kate Kelly, Wes Turney, Geoff Quinsey, Mary Bland, Christina Waters, Jen Carroll, Paul Paquet, Graham Cranston, Andrea Rayner, Chris Pieneman. If you would like to nominate anyone else please either attend EngSoc meeting #3 on Feb. 7 or email me at bsoc\_prez@engmail.

## Money, Money, Money, Mooooooooooney!



CHRIS OLEKAS  
VP FINANCE

So, hopefully this term's proposed budget is somewhere close to this article. It's proposed because the Engineering Society council needs to approve it at today's meeting. Some key points is that everyone has been allocated the funds they requested and that no cuts had to be made. The cuts you do see is from the IW Advertisement subsidies that the Engineering Society has decided to give its directors. The amount we've taken off is proportional to the amount that directors

have already budgeted for. The leftover is for any directors who wish to place an advertisement in the IW. Another note is that there is now \$2500 up for donations, up from \$2000 last B-Soc term. At the time of writing this article I've received donation requests from Waterloo Off-road Mini BAja Team (WOMBAT), Gradcomm 2007 and CEC 2008. Sadly, if you're reading this now the deadline for donation requests was this past Monday, Feb. 5th. I would invite you to come out to today's (Feb. 7th) Engineering Society meeting to hear from these groups and teams as to why we should give them our money. We will be voting on how to allocate donation funds at the 4th Engineering Society meeting on February 28th so come out to today's and the next meeting to have your voice heard.

## WEEF Report: \$80,000

MARIA ARSHAD  
WEEF DIRECTOR

I have got couple of updates for you: WEEF is accepting proposals and the due date is March 5th 2007 @ 4:30 pm. There is \$80,000 to be given out this term. If you are a student, faculty, or staff member in the faculty of Engineering, you can submit a proposal. The item you are applying for should have an obvious direct benefit to the education of the undergraduate students in the Faculty of Engineering. The general rule of thumb is that if you can put a sticker on it, it's a good idea to put a proposal in. For more details about propos-

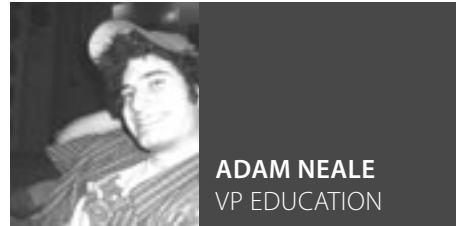
als and proposal submission please check [www.weef.uwaterloo.ca](http://www.weef.uwaterloo.ca). The website also has proposal booklets from previous terms available in the past purchases page, which can provide you with some examples.

Refunds are done; the participation rates will be available on the website, and in the next issue of the Iron Warrior.

I do have office hours and they are updated on the website. If you have any questions, please send me an e-mail ([weef@engmail.uwaterloo.ca](mailto:weef@engmail.uwaterloo.ca)) or stop by during office hours.

Thanks for reading and good luck with midterms!

## If I Had A Title, It Would Go Here



ADAM NEALE  
VP EDUCATION

Wow, did January ever fly by quickly! What a great term it has been so far. Frost Week was a lot of fun and DUSTED turned out to be a huge success. A big special thank you goes out to all of the special event directors for organizing such a great night for everyone. You would think that that would be enough for an entire term of internal merriment, but you would be wrong. There's still a whole ton of EngSociety goodness coming up... after midterms, for now we'll be taking a bit of a break (not really a break just more of a slowdown) for everyone to get down and dirty and study for midterms. The next Engineering Society meeting is scheduled for February 7, which actually should be today if you are reading the paper on the 7th. This will be one of those times of EngSociety goodness that I was talking about earlier, where you can find out more about all of the other upcoming EngSociety goodness.

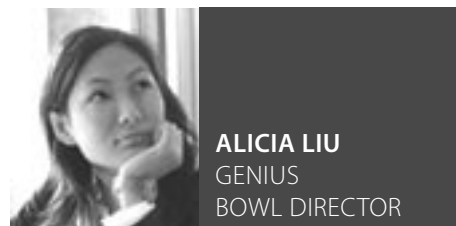
What else has been going on? Oh yeah, at the last EngSoc meeting (that would be EngSoc meeting #2 for all of you keeping track at home) I displayed the latest and greatest in Engineering Society marketing/media technology/paraphernalia. We

made up a huge 6'x4' poster showcasing all of the great things that the Engineering Society has to offer. It lists all of the great services, like the C&D, POETS, and resume critiques. It also lists all of the great events, like TalEng, and the Semi Formal (both of which will be taking place after reading week so be sure to be on the look out for advertisements coming up about those). The poster also has a whole ton of pictures that are a collection of timeless classics and recent fun that with time will become classics, classics of the new age if you will.

Also, for all of you faithful readers of my column, that were wondering what on earth happened to the engineering society survey that I said would be in the last issue and then mysteriously was not, have no fear because it should be in this issue (maybe and hopefully). What actually happened was that there were too many articles to fit into the paper last issue and it was decided to delay the survey by one issue. That was totally cool though, because its awesome IW has enough material to fill its pages. Great job IW, keep up the good work!

So without any further ado, I say good luck, good day, and good luck again just for good measure. Also if you have any internal problems/questions/concerns and would like some VP Internally Internal advice, don't hesitate to send me an email at [bsoc\\_vpint@engmail](mailto:bsoc_vpint@engmail) or just stop by the engineering society office when I'm around and I'll see what I can do to help.

## Genius Bowl Warmup



ALICIA LIU  
GENIUS  
BOWL DIRECTOR

Without further ado, here are the second round of Genius Bowl practice questions:

Geography: What is the easternmost point of Canada?

Entertainment: The TV show M\*A\*S\*H takes place during which war?

History: What 1980s political scandal involved the US Government selling arms to Iran to fund anti-communist guerrillas in Nicaragua?

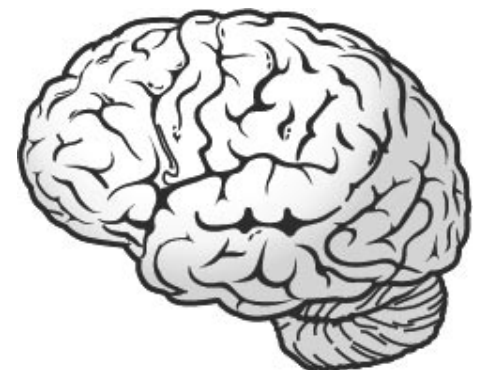
Art & Literature: Which famous novel begins with "It was the best of times, it was the worst of times, it was the age of wisdom, it was the age of foolishness..."?

Science & Nature: Who discovered insulin?

Sport & Leisure: What is the wrestler Hulk Hogan's real name?

Remember, questions related to these might appear in the actual competition!

Good luck!



For more information, visit the EngSoc website at:  
<http://engsoc.uwaterloo.ca/www/>

# EngSoc Winter 2007 Budget

Category Description	Requested	Balance
<b>Income</b>		
Fees	\$ 37,000.00	
Orifice Sales (Photocopying, Binding, Faxes)	\$ 5,000.00	
<b>Total Income</b>		\$ 42,000.00
<b>Expenses</b>		
Exec Discretion	\$ 1,000.00	
President	\$ 750.00	
VP-Finance	\$ 1,000.00	
VP-External	\$ 500.00	
VP-Education	\$ 500.00	
VP-Internal	\$ 500.00	
<b>Fixed Costs</b>		\$ 4,250.00
Bank Charges		
Telephone		
Postage		
Payroll		
Cable		
Operating Costs		
Supplies		
		\$ 22,970.00
<b>Director Budgets</b>		
Academic Rep Advisors	\$ 53.01	
Arts	\$ 247.00	
Athletics	\$ 100.00	
Bus Push	\$ 1,075.00	
Charities	\$ 440.00	
Class Rep Advisors	\$ 200.00	
Competition & Student Groups	\$ 5.00	
CRO	\$ 500.00	
Dance Workshop	\$ 357.50	
Donations	\$ 2,500.00	
Drama	\$ 1,050.00	
Environmental	\$ 15.00	
EWB Liaison	\$ 100.00	
Exchange	\$ 250.00	
Explorations	\$ 401.00	
Extreme Sports	\$ 100.00	
Frosh Mentoring	\$ 210.00	
Genius Bowl	\$ 350.00	
Interfaculty Relations	\$ 100.00	
IW AD Subsidization	\$ 1,000.00	
Jazz Band	\$ 675.00	
Multiculturalism	\$ 153.25	
Music	\$ 50.00	
National Engineering Week	\$ 100.00	
P**5	\$ 695.00	
POETS Managers	\$ 600.00	
POETS Programmers	\$ 140.00	
Resume Critique	\$ 100.00	
Scunt	\$ 350.00	
Semi-Formal	\$ 985.82	
SFF Rep	\$ 50.00	
Shadow Day	\$ 224.00	
Speaker	\$ 1,753.00	
Special Events	\$ 66.15	
TalEng	\$ 90.00	
Task Team	\$ 75.00	
Wheelchair Basketball	\$ 50.00	
Whiteboards	\$ 33.00	
Women in Engineering	\$ 440.00	
Year Spirit (2007)	\$ 50.00	
Year Spirit (2008)	\$ 50.00	
Year Spirit (2009)	\$ 50.00	
Year Spirit (2010)	\$ 50.00	
Year Spirit (2011)	\$ 50.00	
<b>Total Expenses</b>		\$ 15,883.73
		\$ 43,103.73
<b>Net Income (Losses)</b>		\$ (1,103.73)

Category Description	Budgeted	Balance
<b>Income</b>		
Fees	\$ 37,000.00	
Misc Revenue	\$ 5,000.00	
<b>Total Income</b>		\$ 42,000.00
<b>Expenses</b>		
Exec Discretion	\$ 1,000.00	
President	\$ 750.00	
VP-Finance	\$ 600.00	400.00
VP-External	\$ 500.00	
VP-Education	\$ 400.00	100.00
VP-Internal	\$ 500.00	
<b>Fixed Costs</b>		\$ 3,750.00
Bank Charges		
Telephone		
Postage		
Payroll		
Cable		
Operating Costs		
Supplies		
		\$ 22,970.00
<b>Director Budgets</b>		
Academic Rep Advisors	\$ 53.01	
Arts	\$ 247.00	
Athletics	\$ 100.00	
Bus Push	\$ 1,075.00	
Charities	\$ 440.00	
Class Rep Advisors	\$ 200.00	
Competition & Student Groups	\$ 5.00	
CRO	\$ 500.00	
Dance Workshop	\$ 357.50	
Donations	\$ 2,500.00	
Drama	\$ 1,050.00	
Environmental	\$ 15.00	
EWB Liaison	\$ 100.00	
Exchange	\$ 250.00	
Explorations	\$ 401.00	
Extreme Sports	\$ 100.00	
Frosh Mentoring	\$ 210.00	
Genius Bowl	\$ 350.00	
Interfaculty Relations	\$ 100.00	
IW AD Subsidization	\$ 400.00	600.00
Jazz Band	\$ 675.00	
Multiculturalism	\$ 153.25	
Music	\$ 50.00	
National Engineering Week	\$ 100.00	
P**5	\$ 695.00	
POETS Managers	\$ 600.00	
POETS Programmers	\$ 140.00	
Resume Critique	\$ 100.00	
Scunt	\$ 350.00	
Semi-Formal	\$ 985.82	
SFF Rep	\$ 50.00	
Shadow Day	\$ 224.00	
Speaker	\$ 1,753.00	
Special Events	\$ 66.15	
TalEng	\$ 90.00	
Task Team	\$ 75.00	
Wheelchair Basketball	\$ 50.00	
Whiteboards	\$ 33.00	
Women in Engineering	\$ 440.00	
Year Spirit (2007)	\$ 50.00	
Year Spirit (2008)	\$ 50.00	
Year Spirit (2009)	\$ 50.00	
Year Spirit (2010)	\$ 50.00	
Year Spirit (2011)	\$ 50.00	
<b>Total Expenses</b>		\$ 15,283.73
		\$ 42,003.73
<b>Net Income (Losses)</b>		\$ (3.73)

# Limericks... the Sequel



**GREG FITZGERALD**  
VP EXTERNAL

After being such a hit in the summer,  
Poetically I'll express my report.  
I promise it won't be a bummer,  
Because limericks are awesome  
(I bet you expected that last line to  
rhyme with 'report'.)

Ode to FYIC:  
An inter-province conference for the  
frosh,  
At a concert they opted to mosh.  
Guest speakers and sessions,  
And answers to questions,  
Anticipation of boredom was quashed!  
(That means it was fun!)

Charities:  
'Tis a busy semester for the giving,  
With charities galore for the living.  
Bus push and headshave,  
Pancakes on Fridays,  
At this point I'm simply ad-libbing.

February:  
This month hosts National Engineering  
Week,  
A number of events you shall seek.  
Shadow Day for students,  
Who in High School are prudent,  
Along with WIE presentations and OEC  
- sweet!

That's all from me,  
Your VP-External-ly

## STUDY: Midterms are Around the Corner



**MARK TRUCHANOWICZ**  
VP EDUCATION

Hey everyone! Well here we are six weeks into the term and midterms are fast approaching, a scary thought I know. Regardless things have been quiet on the education side of things. But I'm glad to announce that Ari Taub will be representing the Faculty of Engineering on the FedS Co-Operative Students' Council (CSC).

The first meeting was this past Monday, so expect some feedback from Ari in the next little while. Just a side note, all CSC meetings are open to ALL students in a co-op program, so that's all of us in Engineering. If you're interested in attending a meeting, watch out for my meeting reminder on the EngSoc General Mailing List next month, and remember, food is provided!

Lastly, thanks to Rob Robinson for organizing and scheduling the PDEng Rep Meeting last Wednesday. As always, the PDEng Steering Committee highly regards feedback from the student reps, so if you want to voice comments, concerns or otherwise contact the PDEng Rep in your class.

That's all for now, and best of luck with midterms, and have a great Reading Week!



## Upcoming Events from EngSoc

Sun Feb 4	Mon Feb 5	Tues Feb 6	Wed Feb 7	Thurs Feb 8	Fri Feb 9	Sat Feb 10	Check out up-to-the-day event postings on the EngSoc website at <a href="http://engsoc.uwaterloo.ca">engsoc.uwaterloo.ca</a>
		11:30 IW Meeting	5:30 EngSoc Meeting 3				
Sun Feb 11	Mon Feb 12	Tues Feb 13 11:30 IW Meeting	Wed Feb 14 Valentine's Day	Thurs Feb 15	Fri Feb 16 Iron Ring Stag/Ceremony	Sat Feb 17	
Sun Feb 18	Mon Feb 19 Reading Week	Tues Feb 20 Reading Week	Wed Feb 21 Reading Week	Thurs Feb 22 Reading Week	Fri Feb 23 Reading Week IW Submission Deadline, 9pm	Sat Feb 24	



## PEng: Power to the Students

SHAWN WASSERMAN  
AMANDA HOFF  
3A CHEM AND MECH

The PEEng Rep Committee is a student run committee whose goal is to work directly with the PEEng Administration to improve the PEEng program for the students taking it. The committee was started by students who recognized a need for further student involvement in the program's development. Although the student reps meet with program administrators each term to discuss changes in the PEEng program and provide direct feedback on each course, the committee is NOT run or coordinated in any way by the University or PEEng Administrators. Rather, the committee is chaired by two or three students (from both ASoc and BSoc) who sit as student representatives on the PEEng Steering Committee (which meets once each month to discuss issues with and growth of the PEEng program). The committee currently consists of at least one representative from each class, with five sub-committees which work directly with the program administrators on various initiatives in order to implement change. These committees are Internal Communications (inform current students), External Communications (inform incoming students), Course/Mentor Evaluations & Student Communications, Course Technical improvement, and Course

Content Review/Delivery.

It is the job of the class representative to collate the views, concerns, and praises about PEEng that their class has and to bring these up for discussion at meetings. It is important that each student speak the truth to their representative if they want their views heard; however, it is also important to remember praise is just as important as complaints to ensure that the good is not changed. It is also important to keep in mind that the PEEng class reps are only volunteers, and angry non-constructive comments should be kept to a minimum. These comments only prove the validity of the PEEng program. So please be kind to those brave souls who step up to do the job; they are there to help you!

It is the job of each subcommittee to help with the regular tasks that the PEEng Committee will face. For instance the Internal Communications committee (co-chaired by Shawn Wasserman), is charged with keeping students informed as to changes that are or will be made by PEEng, important debates and major initiatives, as well as relate the students' views back to the committee. There have also been sub-committees created to ensure incoming students are informed about the course, develop an effective course critique system, suggest improvements to the course's technical aspects on UW-ACE, and to help bridge the gap between students and the PEEng staff.

Please remember that the PEEng Committee is here to help, but is not intended to replace your normal communication with your mentor or PEEng staff. However, if you present feedback directly to the program on your own, it would be beneficial to also pass the information on to the student reps so we can keep track of general feedback from all students. Often, one student's feedback is also shared by other students, and the more feedback the council gets the easier it will be to ensure that larger concerns are addressed.

If you have any questions, would like to contact/join the committee or have any suggestions as to what you'd like to see from your PEEng Reps, feel free to contact the on-stream committee chairs, Amanda Hoff (amhoff@engmail) or Robert Robinson (r3robins@engmail), or the Internal Sub-Committee Chair Shawn Wasserman (swasserm@engmail), or class PEEng Rep!

Recent PEEng Committee Announcements:

- Regular announcements to be posted in IW, and class announcements.
- PEEng Committee website is on the way. It will allow us to have feedback from the students, and post any announcements about PEEng and the Committee (our goals, objectives, achievements, changes to the course etc.).

- Call for class reps and volunteers! If possible, we would like at 2 representatives for each on- and off-stream class. Our major objective for the first half of the term is to create a viable, logical way for students to critique the course and mentors outside of ACE during and after the course. This includes designing course/mentor critique questions and how they can be distributed and collected. If interested please contact Ari Taub at (ataub@engmail) or the on-stream committee chairs, Amanda Hoff (amhoff@engmail) or Robert Robinson (r3robins@engmail).

Recent PEEng Announcements: UW Alumni Mentors to become full portion of the course as of next week. A total of 100 alumni have signed on for the task and have been divided into groups to be rotated each term. This winter 2007 term 4 groups of 4 alumni will help with each division of the course (PEENG 15, 25, 35, and 45), a fifth group to critique course content and activities, and sixth future advisory group. "The success of the UW Alumni program will partly rest with encouraging students to ask the Alumni questions. We are starting with discussion boards for now as a common 'meeting' ground - and keeping our eyes open for other technology/approaches that might work better down the road." commented C. MacGregor.

## Bus Push 2007

BRANDON TULLOCH  
3A MECHANICAL

Once again it's the Winter term at the University of Waterloo. The winter term brings a whole host of fun times including the usual OT parties, IRS, a full reading week, and one of my favourite events of the term, the annual Bus Push. Each year, a group of as many excited engineers as we can find, help move a bus from the UW campus to downtown Kitchener to raise money for charity. This year, we will be raising money for the Heart and Stroke Foundation.

Over the years, the Bus "Push" has actually come to be more of a bus pull

where we hook a long rope onto the front of a bus so more people can help pull the bus. This makes moving the bus a lot easier and allows everyone to grab onto the rope to help out. Anyone can come and help pull the bus; the more the merrier!

This year, Bus Push will be happening on Saturday March 3rd, the weekend after we all return from reading week. We hope everyone can show up around 9:00am for registering your donations with the Heart and Stroke Foundation, as well as picking up a T-Shirt and eating some delicious (and free) breakfast. The actual "pushing" will begin around 10:00am. When we arrive in Kitchener, we will all hop in the bus for a ride back to campus where even

more free food awaits!

If you raise more than \$20, you will receive a free event T-Shirt. We will also be giving out lots of prizes, including prizes for the top fundraisers. The last time B-Soc was on campus for Bus Push, we raised over \$5200, and we hope to do even better this term!

"How do I raise money?" you might ask. Pledge forms are now available in the Orifice and will be available up to and including the day of the event. However, we can only guarantee you a T-shirt if you register before reading week! So pick up a pledge form and start collecting those pledges!

## Married in Engineering

ERIK PROULX  
3B ELECTRICAL

If you look up 'Married' and 'Engineering' on urbandictionary.com, you might want to send me your condolences. Apparently my choice of education was the most effective birth control available, and now I've put the nail in the coffin of my sex life. Seriously though, you might think getting married at this point in my life is pretty crazy. I've loved this girl for a long time, but that doesn't change the fact that statistically, I'm 5 years younger than the average age of marriage in North America. Divorce rates are sky-rocketing; I'm still in school, and under a mountain of debt... What was I thinking?

Well, I'll tell you. I'm putting to practice all that I've learned here at Waterloo. An undergraduate engineering degree is probably the best preparation for marriage out there. It all started the summer before 1A. The university flirted with me, and seduced me with its fabulous ratings

and programs. I couldn't help myself. I got down on my knees and asked the university to marry me. To my delight, my request was accepted. My first gift to the University was a modest, 1A tuition. Little did I know, each subsequent gift would have to be bigger than the last. That's OK though; I learned to live on a meager income and I accepted the fact that my time and money was no longer my own.

Planning a wedding is easy. Just like planning courses in engineering. You just do as you're told. The in-laws however, are not so easy to manage. Like professors and lab instructors, they come at you from all angles. They trick you, they test you, and push your buttons. You're tired and busy, but still, they all want a piece of you. Everything becomes a test of worthiness. Exhausted, you stumble into class... you're late!

Let me tell you something. I've been late for dinner, I've come home drunk, I've stayed awake all night playing games with my buddies: I know the "look" a woman

gives when she's not happy. Don't tell my wife, but her "look" has got nothing on a Dean's "look" to the unlucky fellow arriving late to his class.

It took a while, but I've come to learn that my "in-laws" are not out to get me. They're just interested in protecting who/what we both love and cherish. In the end, we're all on the same page. In fact, they are very encouraging these days. Now all they ask for are babies. Yes, the University wants a baby, too: the fourth year design project. Of course, that is just a practice baby, and also my latest lesson in marriage. The next time my mother-in-law asks if we're making babies yet, I'll tell her "We're still practicing".

## International Development Week

NINA LI  
1B NANOTECHNOLOGY

International Development Week is coming up starting from Sunday, Feb. 4, to Saturday, Feb. 10. The theme this year is Gender and Equality, exploring its importance in light of international economic growth, poverty reduction, and sustainable development.

Events during the Week are as follows:

Monday (SLC 7pm): Movie and Storytelling Coffee House – Drink fair trade coffee and listen to stories of overseas volunteers and others discuss their experiences with gender inequality and international development.

Tuesday (RCH 306 5:30pm): General Meeting – EWB Long Term Overseas Volunteer, Melissa Lefas, will discuss gender inequality in her experiences in Ghana and Senegal.

Thursday (POETS 5pm): Tom Owen will be sharing stories gathered from those he met on his journey around the Niger River this summer.

Other activities will include a booth setup, African drumming circles, ongoing-film screenings, and discussion panels.

The goal of this year's International Development Week is to inform the community about the issue of Gender and its role in global development.



## FEDS

Continued from Page 4

### Platform:

The Student Engagement Project: Get the feedback and opinions of students on key issues by working with campus leaders  
Develop review of yearly VP Education progress

### Experience:

Numerous Feds Committees (e.g. Internal Administration Committee)  
Canadian Alliance of Student Associations Ambassador  
Numerous UW Committees (e.g. Student Appeals, Student Services)

### Speaking to IW:

Jonah will follow the development of new program (e.g. PDEng, Man Eng) and keep students informed, "When two students are sitting side by side in the same class, they should be paying the same fee."

### Vice-President, Internal

Darcy Higgins ([www.2007ex.com/?page\\_id=7](http://www.2007ex.com/?page_id=7))

### Platform:

Campus Communications Committee be a task force for student ideas  
Establish Environmental Projects Committee

Complete the establishment of the UW Sustainability Office

### Experience:

Coordinator, University of Waterloo Sustainability Project (UWSP) Founding President, UW Campus Greens  
Treasurer, Departmental & Academic rep, ERS Student Association

### Speaking to IW:

The candidate did not respond to IW's interview request.

Nhu Nhat Nguyen ([www.votennn.com/](http://www.votennn.com/))

### Platform:

Commitment to work with all clubs, services, and societies on their time  
Respect and consider opposing views when making decisions  
Lead by example – never ask someone to do something he wouldn't

### Experience:

President of Vietnamese Students' Association  
Federation Orientation Committee  
Arts Representative  
Federation of Students Clubs  
Director Assistant

### Speaking to IW:

"I believe that clubs, services, and societies are all pillars of my portfolio and as such should be regarded with the same dedication and attention."

Faraz Warsi ([www.feds2007.com/vpi/](http://www.feds2007.com/vpi/))

vpi.html)

### Platform:

Attend all society meetings to build Society/Feds bonds  
Create a part-time Service Director Position  
Find a new solution to address refundable fee concerns

### Experience:

South Asian Student Association (SASA) Co President  
UW Crew Pioneer and Executive Marketing Assistant and graphic Designer for Feds

### Speaking to IW:

Faraz hopes to "eliminate logistical, financial, bureaucratic and communication barriers that are restricting student events from services, societies and clubs" from being on campus

### Senate – At Large (One Year)

Renjie Butalid

### Platform:

Maintain quality of undergraduate studies during 6th Decade Plan  
Fight for increased physical and social infrastructure  
Influence long-term positive change on this campus

### Experience:

Feds VP Administration and Finance  
Feds Arts councillor and Board Member  
Arts and St. Paul's Frosh Leader

### Speaking to IW:

The candidate did not respond to

IW's interview request.

Keith Chan ([www.votekeithchan.com](http://www.votekeithchan.com))

### Platform:

Recommend Co-op reforms (e.g. regards to Jobmine, term deferral)  
Deal with Safety and Fire hazards for students in classes  
Suggest large allocation of funds to scholarships/financial aid

### Experience:

President of the Accounting Students' Association  
Vice President for MKV on Residence Council  
Incoming Math Councillor for the Feds

### Speaking to IW:

"I will make sure they [Senate] listen to our concerns. We pay our tuition here, and all we ask is that they consult and hear our opinions before shaping their academic policies. Your voice will be heard"

Mohamed Farid ([www.vote-for-mo.com/](http://www.vote-for-mo.com/))

### Platform:

Pursue implementation of the 6th decade plan  
Support innovation and internationalization of university  
Help our university raise more funds, to facilities.

### Experience:

Only engineering student candidate  
Enrollment in multiple faculties  
Member of Muslim Students Association

### Speaking to IW:

Mohamed hopes to push to create culture courses to allow students to learn about different cultures with only taking one elective. He hopes to push for curriculum changes that encourage undergraduate innovation.

## Genocide

Continued from Page 1

Firsthand accounts report that when the janjaweed attack a village, they often shout slogans such as "Out with the Blacks. This land belongs to the Arabs now." So far, it looks like they and their government are succeeding in their genocidal aims. Although accurate statistics are impossible to get, at least two million people - over one-third of Darfur's population - have been forced out of their homes in Darfur and now live in Internally Displaced Person (IDP) camps within Darfur itself

or refugee camps across the border in neighbouring Chad. The number of dead is as high as 400 000 people either directly killed, or fallen to starvation or disease due to the conditions in which they are forced to live. The people of Darfur continue to die at an incredible rate and the camps which supposedly give them refuge are now used as weapons against them by the government to restrict the flow of humanitarian aid to the people while they are attacked in the camps.

An ineffective African Union (AU) "peacekeeping force" is in place in Darfur without the money, equipment, or mandate to protect the people there from attack.

Numerous peace deals have been signed and ignored by the government and the rebels. The government broke a recent 60-day ceasefire agreement in less than five days by bombing villages. The United Nations and the powerful countries of the world have done almost nothing to save Darfur's people. Students and others worldwide have worked extremely hard to force their governments to intervene and also to ease the suffering of Darfur's people with little success. On our own campus this work is carried out by the UW Genocide Action Group and, unfortunately, it is far from done. For the people of Darfur and their suffering, there is no end in sight.




**Sandford Fleming Foundation**  
E2 3336, ext 84008, [sff@engmail](mailto:sff@engmail)  
[www.eng.uwaterloo.ca/~sff](http://www.eng.uwaterloo.ca/~sff)

### The John Fisher Award for Leadership

The John Fisher Award for Leadership is made to a graduating student who has shown outstanding leadership throughout the student's academic career in activities that relate to Engineering Education. These leadership contributions can be associated with the Engineering Society, the Departments, the Faculty, the Sandford Fleming Foundation, and with other activities with a professional orientation. Nominations for the John Fisher Award can originate from student groups, faculty members and others. Nominations should document the nominee's outstanding leadership and other contributions. The award consists of a certificate, a citation and an honorarium of \$1,500. All nominations must be submitted to the Secretary of the Foundation by **April 1**.

**Engineering Debates:** The date for the debates will be announced in the next issue of the Iron Warrior.

**Student Travel Grants:** Available to undergraduate students participating in technical conferences. Please check our web page for further details.

**Emergency Loan Funds:** SFF has funds available for short-term emergency loans, interest free for 90 days. These loans are available to engineering undergraduates, on either an academic or work term. Contact the Student Awards office for further information.

*An organization devoted to the advancement of engineering education.*

# Willie O'Ree: The First African Canadian in the NHL



MICHAEL SIMOES  
3B CHEMICAL

Hockey was dominated by Caucasian males for years. In 1958, something changed, a Black male, Willie O'Ree put on a Boston Bruins jersey and which would pave the way for Black hockey players from around the world. Now there are seventeen plus Black hockey players in the NHL, with that number growing. The reason the percentage of Black hockey players is approximately 3% of all hockey players in the NHL is because Canadians make up about 55% of all hockey players, and the Black population is about 3% in Canada. Many NHL players have Willie

to thank for their careers in the NHL, such as Jerome Iginla, who became the first African Canadian captain of the Calgary Flames, Anson Carter, Mike Grier, George Laroque, and Kevin Weekes.

Willie would be the Jackie Robinson of the NHL. He was legally blind in his right eye (he got hit in the eye with a puck), but still climbed through juniors and the minors to be the best. He grew up in Fredericton, one of few NHL players to come from New Brunswick. Unlike Jackie Robinson, who played really well, Willie would only play two NHL games for the Boston Bruins in 1958. He was then sent back to the minors. He would not be recalled until 1961 for a 43 game stint where he would score only 4 goals, and 10 assists.

During the 1961 stint, he faced a lot of verbal abuse. "Racist remarks were much worse in the U.S. cities than in Toronto

and Montreal," said O'Ree. "Fans would yell, 'Go back to the south' and 'How come you're not picking cotton.' Things like that. It didn't bother me. I just wanted to be a hockey player, and if they couldn't accept that fact, that was their problem, not mine." He would go on to win two scoring titles in the Western Hockey League between 1961 and 1974. No other black hockey player would play in the NHL until 1974, when Mike Marson was drafted by the Washington Capitals.

Willie O'Ree became the Director of Youth Development for the NHL/USA Hockey Diversity Task Force, a non-profit program designed to introduce children of diverse ethnic backgrounds to the game of hockey. He was honoured at the 1998 All-Star game in Vancouver for his contribution to the NHL.

## Classroom Review: Physics 235



EVAN MURPHY  
3B COMPUTER

Acoustics: 0/5

This room is by far the worst room I've ever had class in as far as hearing the professor speak. It is clearly not designed with acoustics in mind, and has only one speaker. To make matters worse the single speaker the room possesses faces the front of the room. That's right, how does that help the people sitting at the back straining to hear what's going on?

Visibility: 2/5

This is actually better than I thought it would be. The room lacks stadium style seating that most modern lecture halls have and is just long and flat like a poorly designed tutorial room. At least there is a raised stage.

Comfort: 2/5

Standard University of Waterloo issue chairs. Not attached to the desk so I can lean back at will, and occasionally fall over and hurt myself. No padding on chair, results in sore bum after lecture.

Presentation: 3/5

Two white boards with good lighting that are visible from 80% of the room. One large centered overhead. Fairly standard.

Location: 4/5

Wtf? Physics? What are engineers doing there? To be honest it's a nice change of scenery and is still pretty close. Washrooms are exceptionally close.

Lighting: 4/5

Four large windows provide the natural sunlight that us engineers so badly miss. At least its not the basement of RCH.

Total: 15/30

Barely a pass. Lectures should not be given in this room without an improvement to the acoustics. More speakers and maybe some of that nice padding (see back wall of RCH 301) would make it possible for more than 25% of the class to hear what the lecturer is saying.

## Food Bank

Continued from Page 1

The Food Bank also collects grocery receipt tapes from Sobeys and Zehrs. For every \$450 collected grocery tapes, the Food Bank can purchase \$50 in supplies. Points are allotted as follows:

1 small can= 10 pts

1 large can or canned meat= 20 pts

1 boxed item = 10 pts

\$10 in grocery receipts (must be Sobeys or Zehrs) = 5 pts

Food donations should be in a plastic bag and with a note inside stating the class name, then placed in the box. (Unlabeled items will be collected at anonymous donations.) For grocery receipts, the name of the class may be written neatly on the back of the receipt. The donations will be collected weekly and the P\*\*5 points will be tallied and submitted on your behalf to the P\*\*5 directors. For those who actually do need the help, don't go hungry! The Food Bank is here to help those who need it. The UW Food Bank is located in Room 2108 in the SLC. You can get there by going up the stairs behind Tim Hortons. It is the first room on the right.

Votorantim Cement North America  
St Marys Cement Group  
Leaders in Training Program

If you are considering your employment opportunities, why not consider St Marys Cement Group. We are one of North America's leading manufacturers of cement and related construction products and a wholly-owned subsidiary of Votorantim Cimentos – one of the world's ten largest cement producers.

Build a future for yourself and play an essential role in the development and renewal of buildings and infrastructure across North America.

We are looking for qualified engineering graduates to join our Leaders in Training Program. The 18 – 24 month long program offers recent graduates the opportunity to perform a variety of advanced technical, professional and management related responsibilities based on specific job assignments throughout the duration of the program. Participants are competitively paid and gain practical experience towards fulfilling the PEO work experience requirements for the PEng designations, with the intention of full employment following the completion of the program.

We're looking for the future leaders of our company – we're looking for you. If you are interested in learning more about Votorantim Cement North America, St Marys Cement Group and the Leaders in Training Program please attend an info session hosted by Richard Olsen, President St Marys CBM and John Moroz, Vice President & General Manager, CBM Aggregates

Date: Thursday, February 15th, 2007

Time: 5:00 PM. – 7:00 PM

Location: Tatham Centre -TC 2218 A and B

Votorantim | Cimentos

ST MARYS

# EngSoc Survey

The engineering society executive and its directors are always trying to improve the engineering society and make it as inclusive as possible. The society offers many services such as the C & D coffee shop, operation of the POETS pub, resume critiques, and an online exam bank. It also runs a multitude of events throughout each term such as Genius Bowl, Semi Formal, Bus Push, and a great deal of other fun and exciting activities for student to socialize with their peers outside of a classroom setting. Through this survey, the engineering society executive is interested in getting feedback from readers of the Iron Warrior on their views of the engineering society. This survey is completely anonymous in hope of receiving an honest opinion from the student body. Surveys can be returned to the suggestion box outside of the Iron Warrior office. Results of the survey will be published in a subsequent issue of the Iron Warrior.

What term are you currently in?

How involved are you in the engineering society?  
 Not at all 1 2 3 4 5 6 7 8 9 10 Extremely involved

Are you involved in any student groups, if so which one(s)?

If you have had direct interaction with an executive member, what was your overall impression of the meeting?

Do you think the engineering society executives are doing a good job?  
 Unsatisfactory 1 2 3 4 5 6 7 8 9 10 Fantastic job

Do you know who any of the engineering society executives are?  
 No Some of them All of them

Do you think that engineering society offers a welcoming environment?  
 Not welcoming 1 2 3 4 5 6 7 8 9 10 Very Welcoming

How often do you attend engineering society meetings?  
 Never 1 2 3 4 5 6 7 8 9 10 All of the time

Do you know what the engineering society's mascot is, if so what do you think of it?  
 N/A Strongly dislike 1 2 3 4 5 6 7 8 9 10 Love it

What are some of the engineering society events that you have attended in the past?

What things do you enjoy about the engineering society?

What would you like to see improved within the Engineering Society?

If you could be president of the engineering society for one day, what would you do?

**Additional comments:**

If you have a specific question that you would like to ask the engineering society executive, please include your email & question below. We will try to respond to you as quickly as possible. If your question addresses an issue for which the answer is relevant to the entire student body, the question and response may be reprinted in a subsequent issue of the Iron Warrior with your name removed.

## A Simple Paranoia

RAFEE AMEEN  
3A MECHANICAL

face the mirror, wonder,  
 but do not ask, for to ask would be madness:  
 do you face the reflection, outside looking in?  
 (or is it the other way round?) whispers the mirror  
 whisper resonant like glass, shattered and sharp  
 and icy cool.

and glass ripples, smooth (and sharp, you think:  
 sharp); reach out to touch  
 and feel your skin flaying from your fingertips.  
 hand recoils, curls into itself, a tingle at your spine,  
 crawling over and under like spiders with needles for legs

call it poison, achingly sweet; call it bliss,  
 a nirvana by any other name:  
 a deathly high too fast in fading  
 an aftertaste of ashes and dust and regret

(o, you imaginary thing), chides the mirror,  
 cruel, darkly amused. (poor little fictional construct...  
 don't you see?  
 you're the one who can't exist, never did)

and the not-reflection blinks, glass turns murky,  
 ripple fades into a viscous oily black  
 and no mirror now, as if there never were:  
 and you drown.

(thus the fate of all things imaginary), says the mirror,  
 wise and merciless, afterechoed with soft, out-of-place laughter  
 like a secret to be shared once and never again,  
 like a stolen kiss, forbidden and bittersweet:  
 once and never again.

awake:  
 breathe (daggers slicing into your throat,  
 a sandstorm of razors whistling in your lungs)  
 breathe (eyes snap open: bright, too damn f\*\*\*ing bright)  
 breathe, like it's the last breath you'll ever take





arise:  
 smash the mirror with bare fists, savour the texture  
 of pain and glass and broken skin,  
 savour the taste of hurt,  
 raw and fierce, and rejoice:  
 for the reflection faces you, shattered.

rejoice: victorious  
 rejoice: conqueror  
 and weep, damned fool, for the reflection is you,  
 has always been;  
 and this prison you may never escape.

### A WEEK OF EVENTS DEDICATED TO PURSUIT OF ARTISTIC VISION

ATRS WEEK IS FEBRUARY 26 TO MARCH 2

A DIFFERENT EVENT EACH DAY AT LUNCH IN THE CPH FOYER

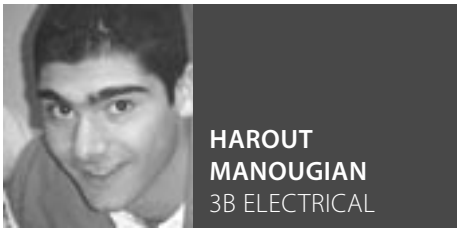
<p>MONDAY ART FOR FUN</p>  <p>FINGERPAINTING YOU DON'T NEED A BRUSH TO PAINT</p>	<p>TUESDAY ART AS CULTURE</p>  <p>SNOW SCULPTURES SNOW IS BETTER THAN CLAY AT 20 BELOW</p>	<p>WEDNESDAY ART WITH PURPOSE</p>  <p>DUCT TAPE SCULPTURES AN HOMAGE TO THE WORLD'S MOST VERSATILE PRODUCT</p>	<p>THURSDAY COMPETITIVE ART</p>  <p>ROCK PAPER SCISSORS A CLASSIC SHOWDOWN OF ARTISTIC MEDIA</p>	<p>FRIDAY ART AS RELEASE</p> <p>A DAY OFF</p> <p>LOUNGE AROUND AND ENJOY THAT SENSE OF SUPERIORITY THAT COMES FROM BEING AN ARTISTIC GENIUS</p>
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### POETS Movie Schedule

<b>Mon Feb 5</b> Season 6, Episode 6 of 24 EWB Ong-Bak	<b>Tues Feb 6</b> EWB Hotel Rwanda Munich	<b>Wed Feb 7</b> Theme Day With EWB!	<b>Thurs Feb 8</b> EWB Aladdin Aladdin: King of Thieves	<b>Fri Feb 9</b> EWB Crash Flight 93
<b>Mon Feb 12</b> Season 6, Episode 7 of 24 Mortal Kombat S.W.A.T.	<b>Tues Feb 13</b> Hook Peter Pan Finding Neverland	<b>Wed Feb 14</b> Superman Returns Batman Begins Fantastic Four	<b>Thurs Feb 15</b> The Truman Show Bruce Almighty Fun with Dick and Jane	<b>Fri Feb 16</b> Russell Peters Best of Will Ferrell Robin Williams Broadway

Submit your poetry to  
iwarrior@engmail

# Enginoku



**HAROUT MANOUGIAN**  
3B ELECTRICAL

Engineering is all about being able to think yourself through a problem that you may have never seen before. Good luck working your way through this one. The nine characters are listed below:

ω ρ ϑ η ε τ ρ ϑ ϑ

ρ		ρ	ε		ϑ	τ		
				ϑ	ρ			ε
ρ		ϑ		τ				
					ω	ρ	ϑ	ρ
τ	ρ			ρ			ω	η
ω	ϑ	ε	η					
				ϑ		ω		ρ
ρ			ρ	ρ				
		ρ	ω		ρ	ρ		ϑ



# Last Issue's Engidoku Solution

ϑ	η	ρ	τ	ρ	ρ	ϑ	ω	ε
ρ	ε	ϑ	η	ρ	ω	ρ	τ	ϑ
ρ	τ	ω	ε	ϑ	ϑ	η	ρ	ρ
ρ	ρ	ρ	ω	η	ε	τ	ϑ	ϑ
ω	ϑ	ε	ρ	ϑ	τ	ρ	ρ	η
η	ϑ	τ	ϑ	ρ	ρ	ε	ρ	ω
ϑ	ρ	η	ϑ	ω	ρ	ρ	ε	τ
τ	ρ	ϑ	ρ	ε	η	ω	ϑ	ρ
ε	ω	ρ	ρ	τ	ϑ	ϑ	η	ρ

## Prof. Quotes

- “When you’re new faculty, you live by one motto - don’t look like an ass.”  
- J. Casello, CIVE 440
- “Just don’t tell anybody I told you this.”  
- R. Kroeker, HIST 252
- “Diode is considered to be, like you guys, uncontrolled.”  
- K. Nigim, ECE 362
- AS: “What’s the problem?”  
JB: “You’re dead.” [Your microphone batteries have run out.]  
AS: “I’m dead? I didn’t feel it. I feel very good.”  
[JB changes microphone batteries.]  
AS: “I hope when I actually die, you can do this and bring me back to life.”  
- A. Sedra and J. Barby, ECE 332
- “Artsy, below the axis means negative.”  
- L. Smith, ECON 102
- “You don’t want to have sex with some idiot. They’ll do it wrong.”  
- L. Smith, ECON 102
- “If someone farts we’ve exceeded the 0.6.”  
- J. Straube, CIVE 507
- “We’re not looking for precision here, this is engineering.”  
- J. Straube, CIVE 507
- “Why don’t we just try something and see if we die... I mean, see if it works.”  
- J. Straube, CIVE 507
- “If you build a new house [in Texas], you can’t put light shingles on it because that would save energy and that would be unpatriotic!”  
- J. Straube, CIVE 507

# the Iron Inquisition

Teri Leung, 3B Systems Design

# How do you Romance an Engineer?



“Math pick-up lines”  
Adrian Spanu, 2A Systems



“Cut engineering jokes”  
Chanelle Decoute, 2B Science



“Textbooks and tulips”  
Jason Dyck, 2N Mechanical



“There aren’t enough female engineers for me to find out”  
Luke Govia, 1B Math Phys



“Take them to a nice seafood dinner and never call them again”  
Mark Truchanowicz, 3B Electrical



“Let’s just say it involves a tool”  
Ryan Case, 2A Systems



“Buy them lots of alcohol”  
Theresa Daly, 3A Mechanical



“Leucht mein wwrst!”  
Tinker-Bell, 2A Systems