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the IRON WARRIOR

THE NEWSPAPER OF THE UNIVERSITY OF WATERLOO ENGINEERING SOCIETY

VOLUME 27 ISSUE 12 | WEDNESDAY, SEPTEMBER 27, 2006



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ToolBearer
Bobbleheads

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Man Is His
Name...Danger Is
His Game

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Bust Out Those
Crayons!

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

Waterloo Engineers Baffled by Mailing List



BAHMAN HADJI
3B COMPUTERS

Imagine my surprise when I checked my email last Wednesday night and found that I had over two dozen new emails. Something was odd though - scanning through my inbox, I didn't recognize any of the names. Apparently, the emails were being sent to a mailing list that included every Engineering student on campus called engsoc_on_campus.

Every Engineering student pays \$14 a term as part of their tuition fee that goes directly to the Engineering Society, which helps fund events and provide services to Engineering students. However, most students don't get involved with EngSoc, nor do they take advantage of the many services provided, which can be attributed to either apathy or simply ignorance. As such, EngSoc President Ruth-Anne Vanderwater

and the rest of the new A-Soc executives decided to put together a welcome message to be sent to all Engineering students on campus inviting them to join the Engsoc-A mailing list, which can keep you informed of EngSoc events and important dates throughout the term.

Despite its misleading name, the engsoc_on_campus mailing list doesn't actually have anything to do with EngSoc. It is a list automatically generated every term by Engineering Computing for the Dean's Office when they plan to send mass emails to make certain announcements to all undergradu-

From: engsoc_on_campus-bounces@engmail.uwaterloo.ca on behalf of [REDACTED]
Sent: September 20, 2006 7:00 PM
To: [REDACTED]
Cc: engsoc_on_campus@engmail.uwaterloo.ca
Subject: Re: [on_campus] ??
Attachments: ATT00042.bt

***STOP REPLYING TO ALL THESE EMAILS
YOU IDIOTS PLEASE, I HAVE JUST PUT ALL
OF YOU ON MY BANNED LIST AND
HOPEFULLY YOU WILL HAVE ENOUGH
SENSE TO UNSUBSCRIBE FROM THE
ENGSOC INSTEAD OF REPLYING BECAUSE
YOU DONT READ INSTRUCTIONS***

ate Engineering students. So Ruth-Anne submitted her email to the Dean's Office to have it sent to the mailing list. They had some trouble sending the email because

of permissions issues, but Engineering Computing solved the problem and the email was eventually sent.

However, in the process, the permissions were somehow removed, and a sentence that we'll all remember for a long time appeared in our inboxes about an hour after the original email: "why r u sending this to me" (the emails in this article are shown as they were sent to preserve all of the hilarity). The email was sent by a student who did not want to receive the original email,

and within hours, it seemed everyone on campus was composing messages to the mailing list complaining about receiving messages sent to the mailing list - the very definition of irony.

The emails had their rather comical moments, with threats such as "if i get any more fucking emails im going to snap right the fuck out". Perhaps the most outrageous was "as to you everyone whos sending emails to engsoc_on_campus@..., shut ur fucking face. if u dont want my foot up ur ass, just shut the fuck up. and as to u '[name removed]', go fuck ur mother", sent in response to an email by someone who was trying to explain that the original email was not spam. There was also a rather harsh message (pictured here) from a student who felt it was necessary to tell everyone in bold, underlined,

(Continued on Page 5)

From: engsoc_on_campus-bounces@engmail.uwaterloo.ca on behalf of [REDACTED]
Sent: September 20, 2006 5:51 PM
To: engsoc_on_campus@engmail.uwaterloo.ca
Subject: Re: [on_campus] Welcome Email

Stop sending emails to:
engsoc_on_campus@engmail.uwaterloo.ca (it forwards to EVERYBODY.. have you never used a mailing list before?!?!?)

While I'm here...

Buy Viagra
Stay in school
Don't do drugs
Eat more chocolate
Tip cows... they work hard at serving you *****JUST STOP USING THIS ADDRESS*****

P.S.
Vote Jay 4 Prez

New Study: 1 out of 2 Students Wearing PubCrawl Tee

ERIC MIGICOVSKY
2B SYSTEMS

A newly released, unofficial study of the Engineering student body at the University of Waterloo has revealed that roughly 50% of the population is wearing a pubcrawl t-shirt today. These highly recognizable, yellow-on-blue shirts have become a staple of any Engineering go-getter. This study is accurate 19 times out of 20 with a plus or minus 43% cloudy with a chance of meatballs.

Developed by GRADCOMM researchers, these shirts are clinically proven to be the epitome of fashion. Sporting a photoshopped iconic Beatles image, they exude pure class with a hint of "let's get retarded in here," the essential part of

every good Engineering event.

Pubcrawl is an Engineering tradition, the art of drinking your way around town over the period of approximately 12 hours. Accepted pubcrawl methodology dictates a 12pm start at the legendary POETS bar/lounge in CPH, followed by a late afternoon jaunt over to the Bombshelter student bar in the SLC. From there, anything and everything is up in the air, metaphorically speaking. You can view the Calendar of pubcrawls on the giant poster on the wall outside POETS.

The Official pubcrawl 2007 t-shirt can be yours free with a simple, no-hassle \$15 donation to your local graduating class. These caring individuals are on hand, 24/7, in the CPH foyer, right in front of POETS and the C&D. See you at the next 'crawl!



A Letter From Your Iron Editor

Arrogance in Engineering



JACLYN SHARPE
EDITOR-IN-CHIEF

It's no secret that lots of people think engineers are stuck-up and arrogant. But until recently I didn't realise the degree to which this is true. I believe that a lot of the perceived egotism is misdiagnosed, though too much of it isn't.

While on my last coop term I was working with 3 other students: two engineers and one Environment and Business student. Out of courtesy to the non-engineer among us, I was consciously trying to avoid engineering topics of discussion, and cutting short the few that started. However to my surprise, about halfway through the term she exclaimed that engineering stuff was "all [we] ever talk[ed] about!" I admit that there were occasional conversations about the internal workings of generators and we may have digressed on calculus once, but significantly less than if we'd all been engineers.

This really brought home the fact that engineers are special. We aren't like normal people. Normal people never talk about calculus, let alone get into heated arguments about it. Joe West once told my class that we needed to learn how to integrate without our tables so that if anyone ever challenged us to an integration duel at a party, we would be prepared. Of course at the time I found the thought amusing, at the level of a bad joke, but to my horror, mere months later I found myself witness to a drunken debate of the very nature.

This is due to the engineering instinct to fight over (as one friend put it) who's "more right". These debates are characterised by exponentially elevating voices and often climax with a search for a writing implement such as chalk. Increasingly they end with the words: "Why don't you just Google it!?" All engineers are susceptible to being drawn into these discussions, and even having no knowledge whatsoever of the topic of discussion can't save any of the engineers within earshot from being sucked in. The strange thing about these arguments is that the debaters are often both

right, and the incident is usually settled on friendly terms once the question is defined, reference frame fixed, and assumptions clarified. To a non-engineer, however, these battles can be rather intimidating, and may alienate a potential ally, because they make you look like a tool. This is a strange ritual, reminiscent of wild animals jockeying for dominance.

Suffice to say, engineers have a hard time conversing with their peers in other disciplines. Not only do we choose topics that make our audience shudder in remembrance of high school math requirements, but those of us who try to steer clear of the nerdier topics quickly find ourselves drowning in awkward silence. Many times at work, I've had to fight the urge to ask a task related question of my co-worker while on break, and had to revert lamely to commenting on the weather. No wonder the engineers can often be found congregating together or sitting on their own at lunch, or worst of all eating at their desks to avoid the social pressures of conversing with their peers. This reticence can often be mistaken for arrogance, though it may more likely be the manifestation of the feelings of social inadequacy felt by many engineers.

Engineers also have the bad habit of discussing work (both academic and coop) out of context. This is because work is our life. Even more deeply engrained than the pressure to indulge in alcohol are the formulas and theories we beat into ourselves every term at midterms and finals. Though this could be interpreted as arrogance by people who can leave their jobs at work, I'm more inclined to find it pathetic.

If we didn't like our jobs there's a good chance we wouldn't be there. Contrary to popular belief, engineers are not that highly paid and the benefits do not outweigh the costs of living your job. I have worked with many engineers who did lots of unpaid overtime and had second jobs on the side to boot.

Furthermore nobody else cares about engineering. That's why the TV show is called ER not QA. MacGyver may be the only exception to this "rule" and he was a terrible engineer. I doubt there was an adequate factor of safety on that paperclip and what was with the mullet? Engineers may be business in the front and party in the back, but they certainly don't have enough

fashion sense to express it through modern trends.

Unfortunately not all engineering arrogance can be dismissed so easily, as there is a fair bit of the real stuff as well. I'm ashamed to say that many of the engineering students at Waterloo believe that they are superior to their peers at other schools just because they are here. Taking pride in your program is one thing, it certainly helps keep you stay sane when you think of all the free time you'd have if you'd gone to Laurier, but believing you are superior because of your degree is ignorant. This feeling of superiority can carry over to the workplace, where too many engineers feel that their word is dogma. When in truth the maintenance technicians most likely have better practical knowledge of the systems they work on everyday, and their ideas must be taken into serious consideration.

I've spent a lot of time over the terms talking with the machinist and technicians that work under the engineers. And I can tell you that they don't think too much of engineers ("present company excluded"). I was congenial and respectful when working along side them in the shop, and I was able to befriend them. One technician in particular, named Ron, was always making cracks about the projects I was working on, implying that my boss (a P.Eng.) was not as smart as he thought he was. When I questioned Ron on this further, I discovered that instead of explaining the necessity of certain counterintuitive methods, my supervisor would resort to the classic "because I'm your boss, that's why" answer. Which, I may remind you, is why we have PDEng.

Even though most of the perceived arrogance in engineering is most likely misinterpreted, there are a few bad apples giving the profession a bad name. Many of the habits characteristic of engineers can also lead to promotion of this stereotype. To try to combat this it is necessary that we all become more aware of when we are discussing engineering topics, and try to avoid leaving our non-engineering friends feeling felt out. We should also try to become more aware of ourselves when getting dragged into debates, as these propagate the know-it-all engineer stereotype. As for the problem of actually arrogant engineers, we can only hope that PDEng can pull through and have some effect on them.

the IRON WARRIOR

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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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the iron warrior magazine

Created by...

Read by...

Written by...

YOU!

If you want to contribute ANYTHING AT ALL,

drop by our office (opposite the Orifice) or e-mail us at iwarrior@engmail

Seeking: New LowRider – Apply Within



Dear LowRider,
Where the HELL is your article?!?
God you suck. You need to be replaced.
- IW EIC

imported beer.
If you want to learn more about the history of LowRider, read issue 5 from Fall 2004 at the IW website. It's somewhere in one of the internets.

LR

Dear LowRider,
I haven't seen you around campus yet baby. Are you still in Texas? You must

fizzy beverage. What the heck man? They do all this restructuring and stuff and it sucks more than it did before.

-Ticked Fourth Year Bomber Vet
Dear Really Concerned,

That's terrible luck you have son. When you're a celebrity like me, you just stroll in the front whenever you want. Somebody told me they dumped quite a wad of cash on renovating the joint eh? I must admit it looks decent but come on. They should have hired a bunch of disadvantaged civil

some stories. Did you tell them you are the LowRider?
-Nicolas

Dear Nick,
American woman, said get away
American woman, listen what I say
Don't come hangin' around my door
Don't wanna see your face no more
I don't need your war machines
I don't need your ghetto scenes
Coloured lights can hypnotize
Sparkle someone else's eyes
Now woman, get away from me
American woman, mama let me be.
Look North,
LR

Dear LowRider,
I've managed to work my butt off for four years at this bloody school and now I'm faced with a large senior design project. Would you mind telling me what you're doing for yours? I know you're really really really smart. I need inspiration!
-4A Mech

Dear Mechie,
I just had my horde of secretaries search every technical journey on the planet for you. You'll be happy to learn that I have a project that affects every male on this side of campus daily. Create a system of 17 (seventeen) 14th (fourteenth) order differential equations to model the fact that well over half of UW's students are females and yet I see 3 (three) of them in Engineering everyday. Maybe you could simulate the environment in which they live and hide. To complete, start a marketing campaign to get Western nursing babes to hang out with Waterloo Engineers. It's bloody genius. PhD caliber research. Ground breaking stuff.
LR

'till next time, y'all keep it low

Have a problem? Need advice?
Email LowRider at
uw_lowrider@hotmail.com



Dear Eddy, The Chief Warrior of Iron
Oh yeah. Right. Thanks for the friendly reminder. There's nothing quite like a little kick in the teeth reminder first thing on a Sunday morning. LowRider has grown a tad bit senile in these four long years at Waterloo. This joint tends to harden you up pretty quick. The end is in sight my readership. How many days to IRS my fellow fourth years? I think it is time...

After countless years of dedicated advice bull-shitting to the Faculty of Engineering, it is time to begin the hunt for my predecessor. Or is it successor? These big words confuse me. The truth of the matter is, I will be replaced. Soon. If I don't fail any courses. Which is impossible with such intellect. So I'm announcing that I AM LOOKING FOR THE NEXT LOWRIDER.

In keeping with the great tradition, all applicants must be in Systems (or convince me otherwise). You must be willing to protect the holy grail of the red BANDANA, and pass all skill-testing questions. More importantly, you have 2 weeks to email me, or seek me out, and answer this question:

Dear Applicant,
Why should you be the next LowRider?
LR

I'm looking forward to laughing my face off reading these. My slew of secretaries will be screening out anything serious, only forwarding me ones containing swearing words, cash donations and

be hiding in the depths on Engineering pushing buttons, making things happen, running the show. I have seen this tall, tanned, really buff German looking guy with a mop of dirty hair. It accents his square jaw so nicely.

-President of the Groupie Fan Club
Chicks Club

Dear Concerned,
That man of men you saw wandering aimlessly around was indeed LowRider. The growth of my hair and chest muscles became uncontrollable once I started drinking the water in America. I'm pretty sure that they inject bovine growth hormone into the water. Don't worry too much though. Even though the desire to sell my LowRider for a rusty Chevy pickup complete with a sawed off and couple of illegal Mexican babes was tempting, my dedication to the north, strong and free was too intense.

LR

Dear Rider of the Lowest Regime,
Bomber sucks man. As usual I couldn't get in the first Wednesday it was open when I showed up at 10:30 am. It's my mistake for not bringing my sleeping bag and pitching a tent in the SLC overnight. I can accept this much. The following Wednesday, I got in at 9 pm and there was only one dude manning the taps while all the other staff cut up limes and tried to look intimidating. I waited for nearly forty minutes to grab a pint of the yellow, hoppy,

students to lay some dry wall and slap on a couple of coats of paint. Everyone else seems to use Co-op students like slaves so why not Bomber?

See you at Bomber next week. We'll do it up yet again proper. You love it.
LR

Dear LowRider,
I have a serious issue. I love playing squash and I'm in computer science. Every time I play, I manage to serve the ball and smack myself in the testicles with the racquet. I then proceed to collapse to the floor in a puddle of humanity. Typically, this is followed by dry heaving and yelling shitty words at the top of my lungs.

I know you're a pro squash player and all so I figured I'll ask for advice on my form.
-Blue Squash'd Balls

Dear Extremely Concerned,
It's called a jock strap. Start wearing it to class you uncoordinated code monkey. Watch out for falling keyboards and mice. Serve underhand dumb ass.
LR

Dear LowRider,
I'm in Comp and I don't see the light of day most days let alone girls. I heard you were in Austin, Texas where there is a lot of hot, naked girls and stuff. Tell me

Do You Have Something to Contribute?

Drop off your poetry, cartoons, drawings, photos and anything else artistic in the "Arts" box in the Orifice, or email them to iwarrior@engmail.uwaterloo.ca

Submissions may be published here in The Iron Warrior, and earn you valuable P**5 points for your class!

The History of Low-Rider



Scharer 1969-1975

The Original. So great was his advice genius that he insisted on never writing a column in the conventional manner: Nobody was fit to edit him, so he used to set up the printing press himself. There is not enough room here to pay homage to this great innovator. Currently a Chem Eng prof, he can be seen sporting his bandana whenever he feels like it.



Pritzker 1975-1979

Managed to bring advice "back to the people", despite much criticism from Scharer loyalists. You probably don't know this, but some of his original manuscripts are framed and hang in his office in DWE to this day. He never undid the bandana that Scharer tied on his head in 1975, and is currently a Chem Eng prof too.



Caruthers 1979-1983

Caruthers did 5 years of grad school just so that he could stick around UW and be Prizker's successor. His attempts to give out peaceful, hippy advice were not well-received during the disco era, and only now is his wisdom beginning to be appreciated. Also a Chem, he now works for Dow Chemical in Sarnia.



Stanislovsky 1983-1986

In contrast to Caruther's peaceful style, Stanislovsky offered harsh, totalitarian advice during the Cold War. Some say that the decline of LowRider during the early 90's is a direct result of him picking an idiot as his successor; he says that things fell apart without an iron fist giving advice. A Chem, but also did a minor in Russian studies.



Franks 1987-1991

Franks is generally acknowledged as being the worst LowRider of all time. He just plain sucked. Modern experts agree that this is largely due to the green bandana that he wore, instead of the customary red one. It didn't help that he was, a Civ. Currently flipping burgers in Calgary.



Vazdekis 1991-1994

Known for starting all of his responses with "Yo, my name is LowRider and I'm here to say..." He was better than Franks, but not by much. He would have dropped the ball if it wasn't already dropped. He was a Mech graduate, and is currently working in Ottawa.



Chen 1994-1995

Things were looking up for advice giving when Chen took over. He had a lot of promise and many LowReaders predicted the dawn of a new age. Then in his second term in office, he sold out, changed his name to PepsiColaRider, and was subsequently booed offstage at Tal Eng. What else would you expect from a Comp? He never finished his degree, and nobody knows where he is now.



Penate 1997-2002

Hand-picked by Scharer and Pritzker to fill the void left by Chen, he displayed an eloquence that is unlikely to be seen again. Single-handedly responsible for the renaissance of LowRider in the late 90's and into the new millennium. Without Penate, the proud tradition of LowRider would have ended in disgrace. Penate was a Chem through and through.



Moore 2002-2004

He brought LowRider to a more high-profile position by interviewing FEBS presidents and saying stuff really loud through a Megaphone whenever he wanted to. Kind of a jerk, but generally accepted as the most attractive LowRider of all time so he still got plenty of chicks. Moore is truly a Chem among Chems.



Litt 2004-?

Litt is definitely the newest LowRider to date, and the first one from Systems. LowRider was formed by Chemmies long ago, messed up by other disciplines, and then renaissanced by other Chemmies nearly a decade ago. When Moore handed the torche over to Systems, countless LowReaders were shocked. However, Litt has not complained of a shortage of Groupie Fan Chicks yet.



Sandford Fleming Foundation
E2 3336, ext 84008, sff@engmail
www.eng.uwaterloo.ca/~sff

WELCOME BACK

The Waterloo Campus Committee of the Sandford Fleming Foundation maintains an active awards program at the University of Waterloo. The value of awards and other programs of benefit to students during the 2004/2005 academic year were over \$40,000. The Foundation will provide many grants, prizes, awards and scholarships during the present academic term. Funding for these events comes from engineering student contributions and depends on them for continuation.

Technical Speaker Competition

Department Competitions will take place until October 6. Please check with your class representative for the exact date of the competition in your department. Winners from the departments will participate in the Faculty Competition on **Friday, October 13 at 11:00 a.m. in DWE 2534**. The winner of the Faculty Competition will receive **\$300** while all other participants in the Faculty Competition will receive **\$50**.

All students are invited to participate in the Department Competitions. The presentation should be based on a work term experience, including one or more satisfactory written reports but not necessarily the most recent report. If you are interested in participating, please pick up an information package from your department's undergraduate officer.

An organization devoted to the advancement of engineering education.

POINT VS. COUNTERPOINT

Was EngSoc Justified in Pulling Issue 5 of the Iron Warrior?



CAROLYN
SUTHERLAND
2N MECHANICAL

Last spring an article was written expressing frustration over the behaviour and conduct of certain engineering students during EngSoc meetings. While not directly named, the author implied which members he felt were not helping make the meetings productive or useful, and it was due to that implication that EngSoc decided to pull the fifth spring (B-soc) Iron Warrior issue. This controversial act resulted in several rebuttal articles in the following (unscheduled) Iron Warrior issue, as well as a meeting between EngSoc executives and Iron Warrior staff, from both societies, in mid-August.

So did EngSoc have the right to pull the fifth issue and thus censor an individual's right to free speech, as well as the rest of that issue's contributors? No, I don't think so. While EngSoc may not agree with the criticisms and possibly hurtful comments made by the author, they have absolutely no right to suppress the opinions of any author in the Iron Warrior, be it positive or negative.

Don't get me wrong, I think that EngSoc does an incredible amount of beneficial work for both the engineering students and the Waterloo Region community, including the directors who volunteer their own time and put in a lot of hard work to bring us the events we all enjoy such as Bus Push, Genius Bowl and EngPlay.

However, by removing the Iron Warrior, EngSoc violated the cornerstone of our country's constitution: the right to free speech. The United Nation's Universal Declaration of Human Rights states that "Everyone has the right to freedom of opinion and expression; this right includes freedom to hold opinions without interference and to seek, receive and impart information and ideas through any media and regardless of frontiers" in article 19.

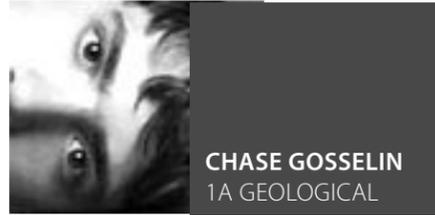
Let's see, if I'm reading that correctly it states that an individual has a right to freedom of opinion... without interference... to impart information... through any media. The author expressed his opinion through the Iron Warrior but because EngSoc interfered, the author's human rights have been dishonoured.

EngSoc needs to understand that with public debate comes disagreement. There will always be someone who does not agree with another's opinion or thoughts, but there will also always be the right to express that opinion or thought regardless of how controversial or biased it may be.

I don't think EngSoc has the right to pull issues of the Iron Warrior it finds offensive and I hope that any future similar incidents are handled without forgetting the valuable lessons learned through this situation.

Editor's Note:

The views and opinions expressed here do not necessarily reflect those of the authors, the Iron Warrior, or the Engineering Society.



CHASE GOSSELIN
1A GEOLOGICAL

Ok, so this is the problem. In what should have been the 5th and last issue of the spring (B-Soc) Iron Warrior, an article was published stating that the B-Soc Exec may not have deserved their prominent positions. The article was very clear in its portrayal of whom the accused were and involved directed statements at B-Soc members.

After such an attack on EngSoc, in what was intended to be a last edition for that term, the engineering society decided to pull the papers. This was due to the fact that they thought the paper contravened (a word here used to mean "went against") Iron Warrior policy.

In response to these events a meeting was called between the Iron Warrior and members of the B-Soc execs, to discuss the problems and to find a resolution which would please all parties involved. Later a meeting of the Iron Warrior Advisory Board was held, which included members from both A-Soc and B-Soc execs and both Iron Warrior editorial boards.

The result was a release of the original paper in its unedited form (folly, to say the least), and a publication of a 6th edition of the Iron Warrior in order to create a forum for discussion and rebuttal (a word here used to mean "response to an argument").

This event has been referred to as "Iron Gate" or "Issue 5" and has caused a very heated debate since in many instances complete communication of all relevant information was not possible. Thus both sides were confused as to the true arrangement between the Iron Warrior and EngSoc.

Now the question is, was pulling the papers justified? YES, yes it was. (I guess I have to justify that statement)

1) The author states that the election of the B-Soc exec was in some way non-democratic, and was based on a clique

(a word here used to mean "group of friends" from French, bloody French). The only position not acclaimed was the VP-Ex, for which two people ran. That's right 6 friends and 5 exec positions, you do the math.

Due to the poorly written nature of the article, there are two possibilities for the problem with the above situation. Either the exec conspired against the losing party and therefore shot down his chance at democratic resolutions, or was it that the 6 parties involved conspired to make themselves the overlords of B-Soc.

With possibility number one the writer shoots himself down, by pointing out that the losing party, who was quoted as saying he would never partake in EngSoc again, became the speaker at the EngSoc meetings. So essentially the person who was so wronged by the exec rolls over and becomes their lackey? No wait, possibility two makes it seem like that was their plan all along, 6 run, 5 win, and 1 speaker! Yeah!

Either way the writer's arguments are unclear and no true opinion is formed. This writer is both contradictory and uses little to no supporting evidence, making his argument libellous.

With such a bemused sense of the article, it's almost a childish outburst against a fictitious enemy, only gossip and misconceptions pointing to the overlying tones, thus one needs a roadmap to understand what is going on and an atlas to see how the argument applies.

It's bad enough that the statements are misguided, but to be so obviously wrong? What was B-Soc Iron Warrior thinking? (The entire paper should have been scrutinized for such blatant disregard for good journalism.)

2) The physical pulling of the Iron Warrior comes down to what is and is not protected by the Canadian Charter of Rights and Freedoms.

"Freedom of Speech" is an inalienable right protected under the Charter, and, because I'm pretty sure Stephen Harper has not found his majority government in Canada, "freedom of slander" and "freedom of libel" are not.

Thus B-Soc was not infringing upon inalienable rights and freedoms (which don't exist, YAY Ameri-con Corp), as by definition you must not only have the right to publish such opinionated statements but also you must keep within the bounds of the law to be protected by such rights.

Basically, "freedom of speech" only applies to the truth, and lies that either aren't harmful to a person's image or that they don't care about. Think celebrity gossip, OK, they sell more stuff. Bashing Harper, OK, his image can't get any worse. Insulting Mary, NO, punishable by law (and a beat down from the TOOL and every Plummer).

3) I'll make this short and sweet. ENGSOC OWNS THE IRON WARRIOR. They don't have any literal statement that make the Iron Warrior theirs, but when your sugar daddy wants payment your pull off your dress and pay the man.

Since the support they give is monetary, and isn't a loan, just straight up cash, they can do what they want. Especially because the Iron Warrior was in contravention of the law, it was almost their civic duty.

Email

(Continued from Page 1)

block capital letters that they were all on his "banned list".

The aforementioned quotes fell into the unintentionally funny category, but there were also plenty of laughs provided by people who were having their fun with it all, such as this one: "Why do you guys hate spam so much? I rather like getting mass emails from people I don't know. Makes me feel...wanted." The joke however was lost on one particularly enraged student (the same one who was going to "snap right the fuck out"), as he replied to that with "well my fist wants all you fucking [expletive deleted] peoples faces."

Engineering Computing ended up fixing the glitch and removed access to the mailing list. Before it was all over though, plenty of people had gotten their two cents in, and I was left to wonder just how many more hilarious messages I would've had for this article had Engineering Computing not fixed the problem when they did. Ruth-Anne has provided an explanation which has been (or soon will be) sent to the mailing list replacing engsoc_on_campus. The new list will also have its name changed to students_on_campus to avoid confusion with anything coming from EngSoc. But the most important thing to remember is that the original email that started everything was meant to provide information to students about EngSoc and all the good things for which it is responsible. So, to the authors of the rage-filled

emails, do yourselves a favour and take a deep breath, and go get yourselves some stress balls or something. To everyone else, if you don't mind a few emails a week and don't want to miss out on all kinds of exciting EngSoc events, go sign up for the real EngSoc mailing list at http://groups.yahoo.com/group/engsoc_a_general/join.



ENGINEERING SOCIETY EXECUTIVE REPORTS

Engineering Alumni to Visit Waterloo



RUTH-ANNE
VANDERWATER
PRESIDENT

I hope everyone has had a great first couple of weeks of school. It's already been pretty busy so far. The first weekend of the term had the Terry Fox run, a beach volleyball tournament and BOT. All of these events went well. This past week was filled with resume critiques, the first EngSoc meeting and the Orifice / POETS Open House. A special thanks to the TOOL for appearing! The rest of the term promises to be filled with more EngSoc services and events.

POETS is up and running for the term. The programmers have a great lineup for the term with theme days, contest days and more. The programming schedule for the next two weeks will be in the POETS binder in the Orifice. Also in the Orifice will be the Quick Reference forms. So if you're interested in knowing a bit more about an event, check out the Quick Reference form binder in the Orifice.

Over the summer Dean Sedra presented the Faculty's Vision 2010 plan. The

basic idea is to make UW the best engineering school in Canada and one of the best in North America by 2010. It outlines over 30 strategies to accomplish these goals. This is important to you because even after you graduate the value of your degree can be affected by the reputation of this school. You can get involved with this by first taking some time to read over the plan (found at <http://www.engineering.uwaterloo.ca/Vision2010>). You can also attend the update sessions (when they occur) to keep informed and help keep the administration accountable for the goals set in this plan. I will be speaking more about this at the next EngSoc meeting.

Finally, for those of you who are looking for something to do on Saturday, September 30, try coming out to meet some Engineering Alumni! There will be CPH Open House from 2:30 – 4:00 on September 30 for our Alumni. At this time, the Orifice, Novelties and POETS will be open. The EngSoc exec (both ASoc and BSoc) will be there and we'd love to see a lot of other students out as well.

As always, if you have any questions, don't hesitate to email me at asoc_prez@engmail.uwaterloo.ca or drop by the EngSoc Office (on the first floor of CPH right beside the multimedia lab).

ESSCO Reviews Course Critiques and Frosh Weeks



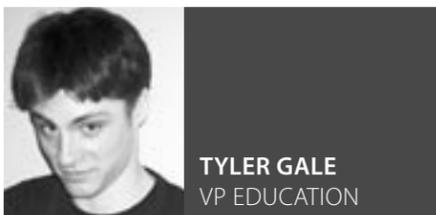
ANGUS
MCQUARRIE
VP EXTERNAL

Greetings Engineers. I was at a conference of all the presidents (and vice-president externals) in ESSCO (Think Provincial Level EngSoc) last weekend. We moved through 53 motions, most of them regarding updating the ESSCO policy manual, and allowing the executives to do their jobs more effectively. Some things ESSCO is doing in which you might be interested include reviewing the way all the engineering societies in Ontario do course/prof critiques and reviewing what

all the Ontario schools do for Frosh Week. This means we might be able to make these things better for the future - I'll have more information when those reports are released. Beyond that, there are several conferences coming up that I will talk about in more detail as soon as I can. Among these are the PEO Student Conference, a chance to mingle with real engineers and learn more about how the PEO affects you; The First Year Integration Conference, a chance for first years to meet first years from other Engineering Schools; and the CFES National Congress, a huge week-long conference at the national level. I will let you know when applications are available

Deepest Regards,
Angus McQuarrie

Living Through Co-op



TYLER GALE
VP EDUCATION

I hope everyone had a blast for the first two weeks back on campus! Now that the term is starting to actually get underway, I've got a few quick reminders for those of us involved in the job hunt this term:

- The early match system that was tested out for co-op last winter is no longer in effect. Rankings will be done as they were previous to last winter.

- If you aren't satisfied with your resume or interview skills, CECS conducts a bunch of workshops to help you out.

- Another round of EngSoc resume critiques will be going on after the first set of rankings (More info on this later)

Also, if you've got constructive criticism about the PDEng program that you'd like heard, let your class PDEng rep know. They sit on a committee specifically designed to make your feedback useful.



Did I Mention WEEF is Good?



KATHRYN
POMEROY
WEEF DIRECTOR

Greetings from WEEF! WEEF is GOOD... WEEF does GOOD... okay, maybe I'm not going to make my living crafting slogans, but here is your update about what has been happening with WEEF and what is coming up later in the term.

The term is now well underway and WEEF refunds close this Friday (September 29, 2006). I don't yet have contribution rate information, but will report the results once they have been determined.

The proposal period begins Monday, October 2, 2006 and instructions for submitting proposals can be found online at

www.weef.uwaterloo.ca/proposals.html. Anyone can submit proposals; please send me an email if you have any questions or concerns (weef@engmail.uwaterloo.ca). For anyone who has received funding in the past and wishes to know the status of their remaining funds, please also send me an email.

The endowment foundation funding council will meet mid-way through November (date and time to be determined). All undergraduate students can be involved in the distribution of the funds (\$80,000 this term), and to that end each class has a representative to vote at the funding council. First-year classes and any classes currently without a representative will need to select a rep before the council meets. I will be in touch with these classes in the next few weeks. If you want to be your class's rep, please send me an email.

That's all for today, but until next time, remember that WEEF is GOOD.

I Like My Exec Reports Short and My Titles Way Too Long



KIRI NEUFEGLISE
VP INTERNAL

The term is already more than underway and I am more than pleased with how things have been going. My directorships are almost completely filled and all of those fun events we all love are well underway. The first EngSoc meeting went great and it was awesome to see all of those first years out already! Just keep it that way and I will be one happy VPI.

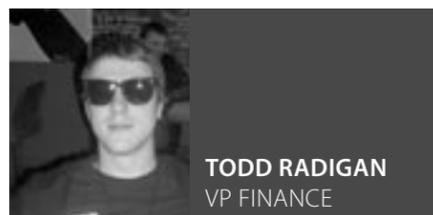
To keep this nice and short, here's a

list of events to which you can all look forward. More details will come later from the respective directors, so keep your eyes, ears and noses open.

SCavenger hUNT – September 29-30
Engenuity Events – October 10, October 23, November 6, November 20, December 4
XSV FUN – Hang gliding – October 14
MOT – October 27
TalEng – November 7
Semi Formal – November 10
Genius Bowl – November 16

There are always more events than the ones I can list here, so watch the poster boards for more information.

ToolBearer Bobbleheads Coming to a Novelties Near You



TODD RADIGAN
VP FINANCE

Hello EngSoc, and welcome back. Welcome to all the frosh who joined this fall. I'm your VP Finance, Todd Radigan. It's my job to make sure that your EngSoc fees go towards all the great events and services run by EngSoc, as well as to make sure the money goes to the things that you want it to. Recently EngSoc agreed to donate \$200 (\$100 each from A and B societies) to the B2 Green party that happened on Saturday. I hope you all went out and had a great time.

Over the summer, as exec we approved a couple of joint expenses from the A and B societies. First off, we are both investing in new furniture for the Orifice as well as for novelties. They should be arriving later on this term, so keep an eye out. In addition, we have donated some money to the UWAFST team. Most of you already know this, but for the frosh out there the UWAFST team is always willing to help out

EngSoc. As a thank you, and to help them out in return, both A and B societies have donated money to the UWAFST team.

Just a quick reminder to all directors, I would like budget proposals to be submitted by Friday, September 29th. Proposal forms can be found online at <http://engsoc.uwaterloo.ca/www/society.php> as well as in the Orifice. It may seem like the deadline is coming up fast, but that is so that I can have time to prepare a budget to present at the EngSoc meeting on October 4th.

Novelties is now open daily from 11:30 to 12:30 daily. Come check out all the great stuff! Novelties is located right beside POETS, and we have lots of great new things this term. I'm really excited about the ToolBearer bobbleheads. They will be arriving soon, and look incredible. If you don't think 11:30 to 12:30 is a very good time to be open and can think of a better time, or just in general if you have any ideas of new Novelties items that you'd like to see, come talk to me and we'll make it happen.

Stop by the Orifice any time to tell me how you think EngSoc money should be spent, or maybe even just to talk about the weather.

The RunDown on FEDS



JEFFREY AHO
2B MECHANICAL

Is your student government working for you? That's a question I hope you ask yourself every time you pay your student fees. Every term you pay \$14 to EngSoc and \$33 to Feds, but do you feel you get your money's worth from both?

As a Feds councillor and director, as well as an EngSoc director, I can say that while I feel EngSoc works for me, Feds just isn't performing. EngSoc's autonomy is its strong point and it is undeniable that we have the highest society participation

on campus. On the other side, Engineering participation at the Feds level is one of the lowest. We struggle each year to fill the 6 council seats allotted to Engineering (the highest of any faculty). This is because so many engineering students feel that EngSoc fulfills our needs and Feds ignores us.

Feds apathy is a problem that every year the incoming Feds executive members claim they can fix. This year VP Internal Sai Kit Lo's Strat Plan claims that they will aim for the Feds Executive to attend society meetings. To my knowledge this hasn't happened, and I would wager that VP Internal Lo does not even know who his EngSoc counterpart is. We pay the Feds executive \$34,500/year and they can't take the time to visit a society meeting of their largest contributing faculty? So

much for 'All For Students'.

And where does our money actually go? Each year it is estimated we lose \$100,000 on Fed Hall. That's roughly \$4.75 per student. They pay for it by gouging us elsewhere, such as at the Used Bookstore, which is estimated to bring in \$250,000 this year for a service business that should run at break even. And what about the \$675,000 (\$32/student) for Bomber renovations (which seems too classy to me - they called me 'Sir' at the Bomber!), and the \$260,000 (\$12.38/student) earmarked for moving Aussies up a flight of stairs. For an organization that exists solely to serve us, we sure get ripped off.

And what about lobbying the University on our behalf? Tuition is higher than ever (\$5970.24 for NanoTech), and every term we have to fight to get the 14 dollars every engineering student pays to EngSoc. Every month Student's Council meets (this month for a 6 1/2 hour meeting) and is supposed to make operational decisions. This rarely happens, and if you look at August's meeting, we spent 2 hours debating Positive Spaces Initiatives and had only 15 minutes of actual debate on the \$5,500,000 budget. Compare this with EngSoc whose executives have committed to Positive Space Initiatives and use EngSoc council to inform students of events and issues that matter.

Feds has wasted our money and neglected our faculty. Until they recognize our concerns and appear before us to explain how they will fix them, EngSoc should pass a motion of no confidence in this year's Feds Exec.



Sai Kit Lo
VP Internal

Jeff Henry
VP Education

Michelle Zakrison
President

Renjie Butalid
VP Finance

Television: "The Rantings"

JOHN LEE
4A SYSTEMS

The box that sits upon our mantle; a form worshiped by millions upon millions across cultural and language boundaries; it is the television. One might even be able to claim that television is the eternal light bulb of peace that we have been searching for throughout the ages. It started as a luxury for those of the higher class to communicate with each other, yet since the conclusion of the wars to end all wars, television is now being used as a tool to dampen the cries of freedom and oppress the weak.

In this world without a guiding light of our human civilization, we must strive forward to see what lies beyond the efforts of

those puny minds. The efforts of the ever lasting strong-willed must be maintained by the good grace of the omnipresent will; that is the human mind. We have given up our right to dictate the direction of our own future and we must now live to satisfy the incessant will of the advertising community. When one asks another the status of their media experience it becomes evident that the ever-present life force that drives the individual is forever quenched by the will that is propagated by the television medium.

In all of our present lives the drive of the ever-present nature of the human mind must bring forth the true raw nature of the human mind. There lies within the ever-growing sphere of human omniscience the truth that drives the race as a whole. There

exist current theories of human behaviour that dictates that every action of a human mind is driven by the will to reproduce. This may be the case; however, the only primordial nature of the human mind that drives the behaviour of the body is the will to ensure that life is spread throughout the largest possible geographical area.

One cannot through logic alone determine the needs of another individual without error. The precise methodology used to determine the needs of individuals other than ourselves lies in the realm of the truth. Seeking the truth is a curiosity that must be satisfied. What is the truth but the amalgamation of deduction and understanding? Nothing can truly be until all fact is thought and all thoughts are facts.

CECS Important Dates

Sign up for these workshops at careerservices.uwaterloo.ca. All workshops are held in the William M. Tatham Centre for Co-operative Education & Career Services (TC), unless otherwise indicated.

Networking 101
October 2, 30
4:30-6:00 TC 2218A

Workplace Harassment
Tuesday, October 3
10:00-5:00 Toronto, ON

Starting Your Own Business: Next Steps
Tuesday, October 3
4:30-6:30 TC 1208

Faculty of Education Talks
October 3-5
10:30-6:30 TC 2218

Knocking Down Silos
Tuesday, October 3
6:30-8:30 Fed Hall

Alumni Networking Workshop
Wednesday, October 4
6:00-9:30
Saturday, October 21
10:00-6:00

Exceptional Job Opportunities in Manufacturing
Wednesday, October 4
5:00-6:30 AL 113

Interview Skills: Preparing for Questions
Friday, October 6
3:30-4:30 TC 2218
Wednesday, October 25
2:30-3:30 TC 1208

Interview Skills: Selling Your Skills
Tuesday, October 10
3:30-5:30 TC 1208
Thursday, October 26
10:30-12:30 TC 1208

Business Etiquette and Professionalism
Wednesday, October 11
3:30-4:30 TC 1208

Work Search Strategies
Thursday, October 12
3:30-5:00 TC 1208

Upcoming Events from EngSoc

Sun Sept 24	Mon Sept 25	Tues Sept 26	Wed Sept 27	Thur Sept 28	Fri Sept 29	Sat Sept 30	Check out up-to-the-day event postings on the EngSoc website at engsoc.uwaterloo.ca/www
	5:30 IW Meeting		Gradcomm Pizza		12:00 SCUNT begins	12:00 SCUNT ends UW Expo Homecoming	
Gradcomm Paintball	5:30 IW Meeting 7:00 DUSTED		Gradcomm Pizza 5:30 EngSoc Meeting 2				
Sun Oct 8	Mon Oct 9	Tues Oct 10	Wed Oct 11	Thur Oct 12	Fri Oct 13	Sat Oct 14	
	Thanks Giving	5:30 IW Meeting Enginuity	Gradcomm Pizza		12:00 Gradcomm Pub Crawl	Hang Gliding Go Eng Girl	

Explore: My French Camp Experience



DAVID YIP
4A MECHANICAL

Ah Waterloo. It is nice to move back for the seventh time. The musty smell of CPH permeates my nose, my tastebuds regale in the greasy cuisine of ten different cultures from the plaza, and my fingertips grace the disgusting keyboards of the computer labs once again. (Toilets are washed daily. Keyboards are washed never. People eat at computers all the time. Ick. Who knows where people's hands have been. Hand sanitizer is now available in the Orifice.)

It was not always so, being my last work term, I and some other members of my class decided to screw the Man and take a work term off, eschewing the biweekly paycheque, and the daily requests for Excel help for something more relaxing, more educational, but decidedly less profitable. I will leave the others to tell their stories, this is mine.

On my last work term, my I was introduced to the Summer Language Bursary Program, now known as Explore. It is administered by the Council of Ministers of Education Canada, and paid for by the Department of Canadian Heritage, and exists to promote the study of Canada's Official Languages. In the case of Explore, it is basically a five-week French Immersion program in your preferred corner of Canada, books, lodging, and food paid for by the taxpayers. (Similar programs exist for French speakers desiring English Immersion.) Since I became a taxpayer after a particularly lucrative work term in Cambridge, this was quite fitting.

Well, why would I take a work term off? First, it was not required for graduation, since I'd passed all my work terms and completed all my work reports. Secondly, I'm fortunately not hurting for cash. Thirdly, I felt that going out and doing something different would be more beneficial to my personal development than going through the co-op motions again. (Actually, given the scheduling of the five weeks, it was possible for me to get a co-op job after I returned from my immersion experience.)

The program is offered all across Canada, from British Columbia to Nova Scotia, and most of the provinces in between. I chose to go to Church Point, Nova Scotia, at the Université Ste Anne. Church Point is about three hours west of Halifax, smack in the middle of the Acadian region of Clare. It was out in the middle of nowhere, and that's precisely why I chose it. The campus is on the shore of St. Mary's Bay, complete with rocky shores, sunsets, and a lighthouse. The nearest grocery store was a 10 minute bus ride away, and the only buses were operated by the university itself. I figured I could go to Quebec, Vancouver, or any other big city anytime, but I would never again find a reason to see a sparsely-inhabited region of Maritime Canada again. It was my first trip to Atlantic Canada, and I figured it was a chance to change my Ontario-centric view of Canada.

In conversation I describe my Explore experience as French camp, because it was very much like a summer camp. Classes were in the morning, 9.30 – 12, and then in the afternoon there was a 1.5 hour workshop, with offerings such as Latin dance, video yearbook, print yearbook, newspaper, Acadian culture, and theatre.

Everything was conducted in French of course, and the level of immersion was greater than with Explore held in the big cities, because there was fewer opportunity to get out of earshot of the "camp leaders". In the evenings there were more scheduled activities, although these were optional, there were softball games, talent nights, theatre nights, plays, concerts, and dances. Each weekend there was a theme night at the campus' one and only bar, which required dressing up in whatever we'd managed to find at the used clothing store, Frenchy's. Most of the activities were centred around the bar, with a regular beer costing \$2.75, it was the cheapest to be entertained, and there's no better way to learn French than to be out speaking French in the bar, inhibitions lowered. There were trips canoeing, hiking, and to the magnifi-



cent beach on the weekend, and somehow those five weeks passed. Experiences at other Explore locations in Canada would likely be less-camp-like, which for us was a result of our isolation.

The spring session of Explore, usually from mid-May to the end of June, means that the participants are, for the most part, in university. People I met ran the gamut from just finished first year to just finished graduate school. We also had a tenacious bunch of mature students, where "mature" ran from 28 – 75. Level of French also ran the gamut, from Grade 9 only, to native Quebecois French speakers who were out

for some practice. As for myself, I was in immersion from Grade 7 til OAC, so adapting to the all-French environment wasn't as big of a stretch as it was for the first timers. It is strange to see people you met on the first day, chatting in English, to becoming near-mute gesturing entities by the second day, where the French-only rule was strictly enforced. Your impression of people changes too, where people with advanced French ability were mostly the same in both languages, some participants became nearly totally different people again when we reverted back to English on the last day. The other thing I noticed was the majority of participants were female, having spent most of my past four years in the company of mostly-dudes (No, thank you, mechanical engineering), this was a different environment to be in.



Living was in a two person bedroom, which was no big deal since we didn't spend much time in our rooms anyway. In the summer there's no phone or Internet access in the rooms, and it was a change to not have a computer with Internet in my room – if only because I'm so used to it, and one realizes how little time you need to spend on the Internet each day, or even every other day. TV was restricted to French-only also, and for the most part we had it on for noise, unless there was some subtitled movie we could watch (French subtitles), or the French version of an English movie we all knew.

Show Me the Marks!



BAHMAN HADJI
3B COMPUTERS

Ever since JobMine was launched, there has been a checkbox option to submit your marks along with your resume at the end of your application package when you apply to co-op jobs. When I was in first year (which was three short years ago), before the inception of JobMine with the old Access paper system, we were highly encouraged by the co-op brass to print off our unofficial transcripts from Quest and staple them to the bottom of our application packages. However, including those marks in the resume package was still optional.

That is not the case anymore though, as beginning in the Fall 2006 term, all JobMine applications will have a transcript at the end. Upon visiting the CECS (Co-operative Education and Career Services) website and clicking on "Current Students," you are greeted with a headline stating "Marks are Mandatory" and explaining that marks "will automatically be included as part of your application package."

According to their detailed explanation, there were two factors that prompted this change of policy. Apparently, employers have for some time complained about the fact that UW allows students not to

include marks in their applications (hence the reason CECS always encouraged doing so). Indeed, it seems that students who do not include their marks end up getting asked about them at their interviews anyway. But this has been the case for quite some time and employer dissatisfaction probably played a minor role in the decision.

The second factor, which was more than likely the deciding one, was, according to CECS, "a number of confirmed instances where students used the option to withhold their JobMine-generated marks report from co-op job applications, then added their own documents containing falsified grades, a serious breach of the University of Waterloo Policy 71." Policy 71 is the omnipresent clause referred to in almost every UW course syllabus – it deals with academic dishonesty, plagiarism, and the like.

The CECS explanation refers to cases uncovered last term where students chose not to include their marks, and instead took the HTML code from their unofficial transcript and copied it to the end of their resume, while, of course, changing their grades by large amounts. Since JobMine simply stitches together each separate part of the application (the cover sheet, followed by the cover letter and resume combo, then the transcript), the final application package for these students looked the exact same as it would have had they done it the official way – except for their higher grades. Obviously, this fell under

Since Ste Anne was a university, I could apply to have my French course in Nova Scotia transferred here as a CSE credit. Taking a CSE on-campus or via distance education offstream costs a whopping \$720, flying myself out to Nova Scotia cost about \$400, in comparison. I approached the French Department to have them sign a Letter of Permission – because I hadn't taken a French class at Waterloo before, they gave me FR192A – the course I would have taken as a high school immersion student entering Waterloo. The Letter also had to be signed by my department representative at the time. Note not all Explore locations offer university credit.

Being in an Acadian region also exposed us to Acadian culture, and their story – caught between the French and English as they battled for Canada, and their subsequent deportation by the British – some to France, and some to the Cajun territory of Louisiana. ("Cajun" is a corruption of "Acadian".) I note the deportation is definitely a marked difference to the more recent practice of genocide. How times have changed. There was also Acadian food (Rapure, which was ... okay), music (Plenty of fiddles and country-type dancing, though Acadian rap was also included), and their dialect, which to me was largely unintelligible.

In all, it was a great chance for me to increase my confidence in Canada's other official language, and meet some great people from all across Canada. I also took the opportunity to check out Halifax and Cape Breton Island, which if you haven't been, I highly recommend. It's \$7 for a pass to Cape Breton Highlands National Park, which is at least what you'll pay to get into a Haunted House in Niagara Falls. Where's the justice, seriously.

For more information: <http://www.jexplore.ca>.

Policy 71 as "Falsifying academic records ... or submitting false credentials" and the students were dealt with appropriately. But one has to wonder if taking away the option from all co-op students was the best way to deal with the problem, as opposed to tightening existing security holes such as this one.

Whether an applicant's marks really have an impact on their getting jobs is debatable. If you're like most people and are near the middle of your class, mired in mediocrity, your transcript will probably neither help nor hurt you. If you're a whiz and you're in the top 10 every term when rankings come out, your marks may get you some extra interviews, and if you're near the bottom, you may miss out on the odd interview. Ultimately, it depends on the employer – but it's safe to say that past job experience, technical skills, and the content in your resume likely matters more to potential employers than that 60 you got in a second year Stats course. In other words, if you're qualified for the jobs to which you are applying, you shouldn't be stressed out about this change.

Like it or not, the change is here to stay. If you used to submit marks with your resume packages anyway, you won't notice the difference. But if you used to choose not to let employers see your transcript, you may not be pleased – let's just hope that marks don't matter as much as you think they might.

New CPES Dean Appointed

COMMUNICATIONS & PUBLIC AFFAIRS
UNIVERSITY OF GUELPH

The University of Guelph has appointed Anthony Vannelli, a professor of electrical and computer engineering and associate dean of research and external partnerships at the University of Waterloo, as dean of the College of Physical and Engineering Sciences (CPES).

He will begin a five-year term January 2007 pending approval by the Board of Governors. The announcement was made today by Maureen Mancuso, U of G provost and vice-president (academic), who chaired the search committee.

"Tony has incredible enthusiasm and infectious energy, and brings with him a wealth of expertise as an administrator, teacher and researcher," Mancuso says. "He has strengths in engineering, mathematics and computer science, and this unique background underpins his approach to teaching and research. It's also in keeping with Guelph's educational philosophy that emphasizes the sharing of ideas. We are delighted that he is joining U of G as our new dean."

Vannelli held the Natural Sciences and Engineering Research Council of Canada University Research Fellowship in the Department of Industrial Engineering at the University of Toronto from 1984 to 1987, and in the Department of Electrical and

Computer Engineering at the University of Waterloo from 1987 to 1993.

A faculty member at Waterloo since 1987, Vannelli chaired the Department of Electrical and Computer Engineering from 1998 to 2004. During his tenure as chair, the department introduced interdisciplinary programs in software engineering, nanotechnology engineering and a new online graduate degree program in the power area. The department also grew from 40 faculty members in 1998 to 70 faculty members in 2004.

Vannelli says he is looking forward to coming to U of G and joining CPES. "The University of Guelph continues to move to a bright future by integrating newer disciplines and strategic directions into its existing well established strengths. I strongly believe that the physical sciences, mathematics, computer and information sciences and engineering disciplines housed in CPES are well positioned to develop into exciting opportunities for the College and university."

The author of more than 100 journal articles and conference publications, Vannelli is an award-winning researcher who is known internationally for his work in electrical and computer engineering. His current research involves using advanced large-scale optimization approaches to solve integrated circuit layout problems.

He has been nominated for university-

wide teaching awards at both Waterloo and Toronto and has continued teaching while holding administrative positions. He has also been a visiting professor at McMaster University and at the Mathematical Science Department, Shell Research and Technology Centre, in Amsterdam.

As a senior administrator, Vannelli is known for using consensus building to develop numerous joint math, engineering and science programs and partnerships. "I strongly believe that the future opportunities for universities to serve the research communities and society lay in developing interdisciplinary areas," he says. But he also notes that "interdisciplinary areas can only emerge from strong foundational disciplines."

Vannelli earned both his bachelor's and master's degrees in applied mathematics from Concordia University and holds a PhD in electrical engineering Waterloo. From 1983 to 1984, he was an IBM postdoctoral fellow at the IBM Thomas J. Watson Research Centre in Yorktown Height, New York.

He serves on the boards of Materials and Manufacturing Ontario and Communications and Information Technology Ontario.

In making the announcement, Mancuso also appointed an interim CPES dean for fall semester, as Peter Tremaine's term ends Aug. 31. "I am happy to announce

that Prof. Bob Balahura, chair of the Department of Chemistry, has graciously agreed to serve as interim dean until Tony's arrival," she says.



UW Signs Nanotechnology Agreement with UAlbany NanoCollege

MEDIA RELATIONS
UNIVERSITY OF WATERLOO

Aiming to advance nanotechnology research across the borders, the University of Waterloo (UW) has reached a collaborative agreement with the College of Nanoscale Science and Engineering (CNSE) of the University at Albany-State University of New York.

Anthony Vannelli, associate dean of research and external partnerships in UW's faculty of engineering, and James Castracane, CNSE's associate vice-president for science and technology, recently signed the memorandum of agreement on nanotechnology.

The agreement will allow for an exchange of information in nanotechnology, including technical, economic, education and business. As well, it will identify and enable the development of international collaboration and partnerships.

"We look forward to the educational opportunities," Vannelli said. "This collaboration will be highly beneficial to Waterloo because the College of Nanoscale Science and Engineering is the first college in the world devoted exclusively to the development and deployment of innovative nanoscience concepts and its facilities are unparalleled in the academic world."

"We are pleased to engage in this new partnership with the University of Waterloo, which is recognized internationally as a leader in the emerging science of nanotechnology. Our collaborative work will foster new research that will be invaluable to each institution," said Castracane. "At the same time, it will provide yet another global alliance that will be beneficial to the students, faculty and industrial partners at the College of Nanoscale Science and Engineering."

The two institutions are planning to strengthen educational ties with undergrad-

uate students in nanotechnology programs at UW and CNSE, along with graduate students having access to top-level facilities at both campuses.

Alain Francq, business development officer for UW's nanotechnology program, said that UW and Canada's Technology Triangle are fostering and seeking relationships and collaborations in nanotechnology in the local area, as well as across Canada and around the world.

Nanotechnology is a branch of science and engineering devoted to the design and production of atom-sized structures in order to produce breakthrough properties.

For example, the next generation of electronic devices may contain smaller and faster circuits built from single strands of carbon nanotubes, or powerful drugs may be delivered precisely to targeted areas in the body by means of customized carrier molecules. The next generation of consumer products, from fridges to sports equipment, will be made stronger, lighter and cheaper by incorporating nano-engineered materials.

UW offers the only stand-alone undergraduate program in nanotechnology engineering in Canada. The multi-disciplinary program provides learning through 48 specially designed science and engineering courses for nanotechnology students, 29 comprehensive laboratories and 24 months of co-operative work experience.

UW is building the \$70-million Quantum-Nano Centre to house the more than 500 nanotechnology undergraduate students anticipated by 2010, an expected enrolment of 125 nanotechnology graduate students and the growing number of faculty members expert in nanotechnology.

The 225,000-square-foot advanced centre, which will accommodate the nanotechnology program and Waterloo's Institute for Quantum Computing, will feature a tri-cluster laboratory focusing

on nanofabrication, nanometrology and nanobiosystems.

UW and CNSE signed the collaborative agreement at a roundtable event organized by the Consulate General of Canada in New York, involving more than 40 experts in nanotechnology from Ontario, Quebec, Alberta, New York, New Jersey and Connecticut.

At the event, Vannelli and Castracane spoke on behalf of their organizations and expressed their mutual commitment to bringing about real collaboration between the two institutions. The experts also gathered to learn about developments in nanotechnology research, as well as fostering discussion and facilitating cross-border collaboration in nanotechnology.

The Consulate-led event attracted a significant group of senior researchers from various universities, institutes, private companies and funding organizations. It focused on three key areas of nanotechnology: life sciences, advanced materials/energy and photonics/electronics.

Besides learning more about research activities at more than 34 institutions, participants discussed the different funding sources, both public and private. They looked at the availability of funding for cross-border collaboration, including joint research activities, sub-contracting research and commercialization assistance for joint projects.

About CNSE

The College of Nanoscale Science and Engineering at the University at Albany-State University of New York is the first college in the world devoted exclusively to the research, development and deployment of innovative nanoscience, nanoengineering and nanoeconomics concepts. CNSE is located in the most advanced research complex of its kind at any university in the world. The \$3-billion, 450,000-square-

foot complex attracts corporate partners from around the world and offers students a one-of-a-kind academic experience, and it is growing. The complex is also home to CNSE's New York State Center of Excellence in Nanoelectronics. The CNSE complex, financed through more than \$500 million in governmental support and over \$2.5 billion in corporate investments, houses the only pilot prototyping facilities in the academic world for the two standard sizes in computer chip design, the 200-millimetre (or 8-inch) wafer, and the 300-millimetre (or 12-inch) wafer. CNSE has more than 150 U.S. and worldwide partners, including some of the world's largest semiconductor and semiconductor-related tool manufacturing companies. For more information, visit the CNSE Web site at link <http://cnse.albany.edu/>.

ENGINEERING
SOCIETY



Did you know you can earn valuable P**5 points for volunteering time at the C&D? Email Mary Bland at mbland@engmail.uwaterloo.ca to schedule your shift.

On the Digital Horizon - Nintendo Wii

WILLIAM LY
2B MECHANICAL

I believe the Nintendo Wii is a new concept and direction that will drive the video gaming industry to a new vision. I mean gyroscopic technology simply allows for a near 3D experience, not to mention that you would not be on the receiving end of headaches. The system will be available come November 19/06 at the price of \$279.99 CAD at local retailers. Included will be the system, controller, and Wii Sports. The past few generations of videogame systems have lacked the bundling of software, which makes Nintendo's 5th home console installment a bargain.

Yes it will not be as powerful as the Sony's PS3 or Microsoft's Xbox 360, but one must evaluate how much they are willing to spend. If you do not own a high definition television set, then Sony and MS's hardware are useless because the full HD experience is lacking. Those systems obviously have strings attached, whereas Nintendo's offering is targeted towards the general household without a HDTV.



Visually the Wii will be on par, if not better than, the current MS Xbox system, but the experience is phenomenal in terms of actually experiencing the game. How often have you imagined playing a game based on movement, e.g. Swinging the actual golf club in a game using your controller? Well the Nintendo Wii and its gyroscope Wiimote controller allows for that imagination to be a reality. It's been a very long time since the gaming industry has had this type of buzz based upon gameplay and not graphical revolution. It's about the experience not about the looks.

Pornography: Societal Implications

ROBERT STEWART
2B MECHANICAL

Reproduction is undeniably the reason why any of us are here, yet talking openly about sex is not accepted in every day dialogue. Why is something so important to our existence censored, and to such an extent, that when people have a problem they are ashamed to talk to a friend or see a doctor? Why, when we find it acceptable to see such violence on TV, is it not acceptable for people to see sex in the same way? Some people argue that this is to dissuade teenagers from engaging in sexual acts, yet with so much violence in the media, it almost seems that we are encouraging violence over sex. What is more is that if teenagers are put in the situation where they are able to proceed into sexual actions, they will inherently know how to proceed.

This brings me to the point of pornography.

Society uses pornography as an escape from the world that we have created. This

world uses sex as a tool for marketing, which leaves people sexually frustrated and leads to the creation of unobtainable standards. Pornography is used to satisfy this desire for sex, though kinky websites have lead to the issue of what is acceptable to be portrayed in public media.

Many older people have problems with different sexual orientations but the ever evolving youth have adapted to these differences and accept people for who they are.

Differences are important to create growth in society as it makes us question individual ideals. As long as no one is hurt by pornography then it should be accepted in society. In case the images offend people, a notification should be made prior to the depiction. This keeps up to date with the established ways that media outlets portray disturbing images.

While operating in this world we are bombarded with many sexual frustrating situations. Pornography decreases the stress caused by this frustration and thus ensures that society can continue on the way it is.

No Passes 'Til Classes



DEVIN
CASS
2A ELECTRICAL

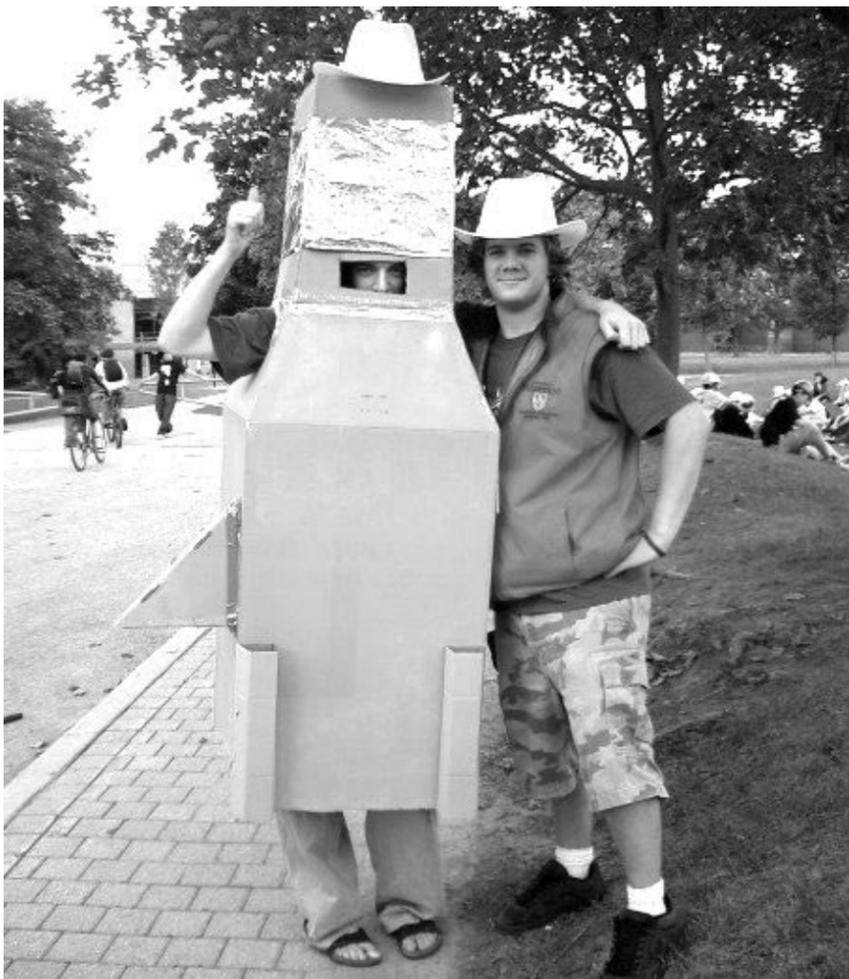
(both ways) now. *wink wink*

The always fun "Earn Your Hard Hat" event was a little obscured by portables, and sharp things/STDs in the mud, but the tradition carried on, and we still had our waterslide. Junkyard wars were not rained out, and the froshie frosh were successful at launching things once again. I sure do love launching shit. I have to admit the best event was the Friday night SCUNT. I don't know if we can call it SCUNT or scavenger hunt, or huntenger scav - who knows what is legal anymore. My favourite part was the purpled streakers. Streaking is always good for a laugh. I think there should be more purpling at UW. And more streaking.

To all the frosh who brought in random assorted items that they retrieved for the huntenger scav, kudos to you. However, I didn't hear about a goat being stolen, or anything of the sort. Now that would have been a cool item to retrieve.

I felt the general engineering spirit at a little higher level than normal this Frosh Week, and it made me and a lot of other people really happy. Kudos to you froshies - you participated and made things fun for everyone. KEEP IT UP! It makes school really fun, not just boring and lame and work all the time!

I feel sorry for whoever missed frosh week. Maybe you were doing something really cool, like saving the world from global warming, or George Bush - if you were, best of luck to you. But if you weren't there for some lame reason, like that you wanted to file your cuticles, you missed out on some great fun. The week from Tuesday until Sunday was filled with fun events that made everyone's faces stuck in a smile. The Brown Team proved they weren't as shitty as everyone usually anticipates brown to be. See "Team Brown" kind of sounds like "Team Shit," but they completely weren't. They were really fun and the champions and they took the prize for first place team. The mascots and headquarters were fuckin' awesome! Especially the drums and the giant smurf and the treasure chest. Be sure to thank your frosh leaders, as passes are allowed



ALEC MERKT-CAPRILE
1A CHEMICAL



ARTS & ENTERTAINMENT

The Adventures of Dangerman: My Friend, His Fence



DANGERMAN
2B CHEMICAL

Beating the odds, getting the upper hand, coming out on top; there are often only a few times in life where a person gets to enjoy such an overwhelming sense of accomplishment. It comes from really socking it to 'em, and persevering over life's immutable obstacles. Anyone who has known the happiness of quickly pulling down the shorts of the mean kid in gym class and then fleeing while shrieks of laughter fill the room knows exactly what I'm talking about.

I was lucky enough to witness such an occasion not long ago, when an excellent friend of mine, Darryl McCumber [2Amech], told me about a fence:

"If it was chain-link, I'd just jump it, but they're these big friggin' iron bars instead, and the bastard even greased the top of it. Oh, but I will beat it, mark my words...". The fence in question was one separating two student housing developments, and really served no purpose at all, forcing a lot of folks to walk an extra five to ten minutes to get to their classes. It was the injustice that an individual could forcefully exert such an inconvenience on so many people for no reason that McCumber could not let stand. Now, Darryl is of excellent mettle and character, so it was of little surprise to me when he burst into my room one evening with an expression of near uncharted glee and announced, "The fence is beaten!" There was much rejoicing.

Afterwards however, I began to think more and more about his action as far as my own life was concerned. How many of us, would really have the will and conviction in the face of an

obstacle like McCumber's to tackle it and grasp for the things we really want, rather than simply accept the situation and walk around. How many really have the courage to take what they want in life, and not put up with the cruelty and nonsense of villains.

Fighting the good fight is generally just not very easy though. And, it's also true, you can't always beat the odds, sometimes the fences beat you. Whether it's midterms, relationships, or three blowdarts in the neck after walking through the wrong end of Kaiapo territory in the Amazonas, "The world breaks everyone, and afterwards, many are stronger at the broken places"*. Basically, when the shit starts hitting the fan, the best you can do, especially in engineering, is to try and get by with a little help from your friends.

On another recent occasion after I'd been knocked about while tilting at my own windmills, McCumber and a certain Unconscious Captain told me to come on over to get cheered up, "Jump the fence on your way over, you'll feel better" the Captain said.

So maybe you have to pick your battles, and know which hills are worth dying on, but I'll be honest, hopping that mammoth of a fence instead of scurrying around it, especially after all the screw-ups and upsets of the day really did make a difference. But the best part came from having a group of people to lean on when it got rough.

So if you take anything from this article, apart from encouraging a lack of respect and regard for municipal enclosures, remember that university and life are a struggle for everyone, and sometimes all you need to get through it is one good friend.

Dangerman.uwaterloo@gmail.com

*Ernest Hemingway "For Whom The Bell Tolls"



Contests: Ready... Set... Colour!

In accordance with our mandate to promote arts (give or take) in engineering, we will be running a series of contests through the Iron Warrior. The contests are designed to be accessible, so if the spirit moves you, give them a shot. We also have a budget, which will be used to furnish fabulous prizes.

Because of the subjective nature of the arts, the winners will be chosen by some sort of egalitarian thing at an EngSoc meeting, or something. However the winners are decided, we wash our hands from having to pick them ourselves. We would also prefer to do it in an open manner, so no one can accuse us of playing favourites with the aforementioned prizes.

The first test will be a Colouring Contest. It will be located on the last page in this very IW issue. For your convenience and photoshopping, an electronic copy is located at http://i107.photobucket.com/albums/m311/ARTS_IRON_WARRIOR/ColoringContest.jpg

The second challenge is a Dirty Limerick Contest. You should know what to do with that.

As of now, the entries are due a week from the edition of the Iron Warrior. Drop off your submissions in the Arts box in the Orifice. Good Luck and all that.

-ARTS DIRECTORS

POETS: Now Playing



ERIC BLONDEEL
2B CHEMICAL

a particularly fantastic set of films playing you can know in advance!

Furthermore, the Iron Warrior will also contain information regarding the fabulous POETS MOVIE CONTESTS, which will occur on Mondays as scheduled, and will involve guessing a theme or element common to all three movies shown. On the day of the contests there will be a box in POETS in which you can submit your guess, with name and email address.

The Iron Warrior will also feature film recommendations from your POETS Programmers: Dangerman, and Captain Unconscious. We'll both look forward to seeing you in the weeks to come, and hope you enjoy our selections.

As you may or may not be aware, APOETS (the lovely establishment located just within the entrance to CPH) is open every day of the week from roughly 9:00am to 5:30pm, whereupon, in order to ensure a relaxing and stimulating atmosphere for students between classes and on breaks, MOVIES are shown regularly (usually three everyday).

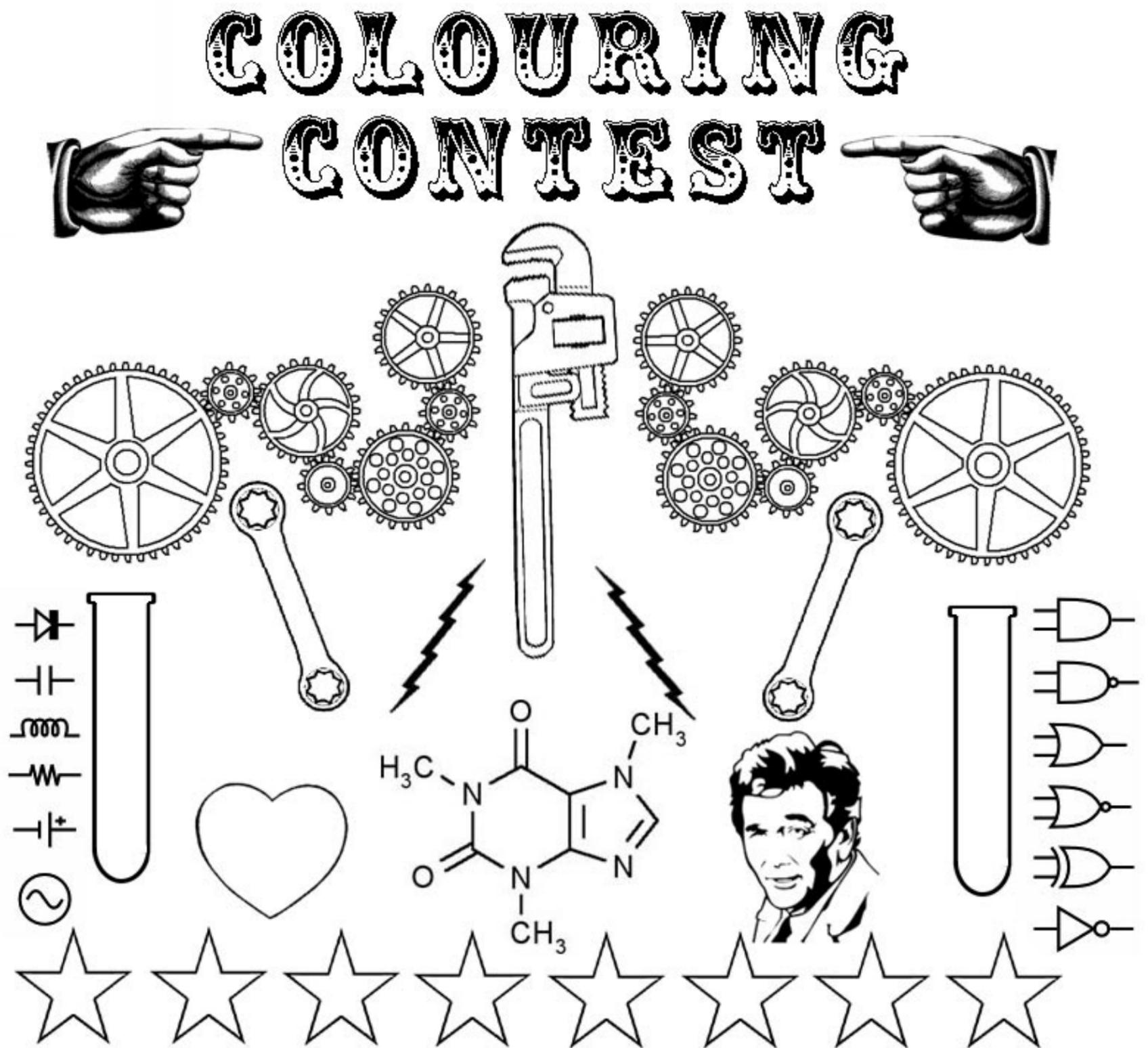
The movie schedule will be posted in each issue of the Iron Warrior, so if there's

Poets@engmail.uwaterloo.ca

Send in your prof quotes, drawings and poems!

POETS Movie Schedule

Mon Sept 25	Tues Sept 26	Wed Sept 27	Thu Sept 28	Fri Sept 29
11:00 am Fargo 1:00 pm Final Fantasy: The Spirit Within 3:00 pm Big Daddy	11:00 am Scrubs Season 2 1:00 pm Scrubs Season 2 3:00 pm Soccer	11:00 am Bourne Identity 1:00 pm Bourne Supremacy 3:00 pm Soccer	11:00 am Austin Powers 1:00 pm The Spy Who Shagged Me 3:00 pm Gold Member	11:00 am Gattaca 1:00 pm Twelve Monkeys 3:00 pm Blade Runner
Mon Oct 2	Tues Oct 3	Wed Oct 4	Thu Oct 5	Fri Oct 6
11:00 am V for Vendetta 1:00 pm Lord of War 3:00 pm Sin City	11:00 am Lost Season 1 1:00 pm Lost Season 1 3:00 pm Lost Season 1	11:00 am Memento 1:00 pm Donnie Darko 3:00 pm Requiem For A Dream	11:00 am Mad Max 1:00 pm Road Warrior 3:00 pm Beyond Thunderdome	11:00 am Men in Tights 1:00 pm Spaceballs 3:00 pm Blazing Saddles
Mon Oct 9	Tues Oct 10	Wed Oct 11	Thu Oct 12	Fri Oct 13
Thanks Giving	11:00 am Firefly 1:00 pm Firefly 3:00 pm Serenity	11:00 am Se7en 1:00 pm Usual Suspects 3:00 pm Oldboy	11:00 am Raiders of the Lost Arc 1:00 pm Temple of Doom 3:00 pm Last Crusade	11:00 am Ong Bak 1:00 pm Kung Fu Hustle 3:00 pm Hero



the Iron Inquisition

Eric Blondeel, 2B Chemical

What's the craziest thing you'd do for \$20?



"Butch."

Rishi Lukka, 4A Systems



"You name it..."

Erica Waugh, 2N Civil



"Do FOC for a second time."

Evan Murphy, 3N Computers



"Probably suck a guy off...I'm not gay or anything, but..."

Mark Truchanowicz, 3N Electrical



"Probably grease myself up, and just slide around in a big pool of grease."

Stevo, 4A Mechanical



"Dangerman."

Sean Smith, 2B Chemical



"I would eat a Klondike Bar for \$20!!!"

James Huiskamp, 2N Civil



"Put 100 peppermint hearts in my mouth."

Amy Monk, 1A Chemical