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# the IRON WARRIOR

THE NEWSPAPER OF THE UNIVERSITY OF WATERLOO ENGINEERING SOCIETY

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

## BOT Blast

Jason Griese



4A Computer

UW engineers gathered to celebrate the beginning of another term. On Friday, May 9, POETS opened its doors to undergraduate engineering students from 9pm onward. About 100 students took

advantage of the opportunity to get together and compare how their coop terms had gone.

Bar Services was also kind enough to come out and offer refreshments to the crowd. As an added bonus, the civil 04 class sold 'Boggan burgers. Luckily, it was a clear night so the patio was open for everyone. The crowd was also treated to a brief visit by the Tool.

MOT will take place on Friday June 20. There will be the usual shenanigans and possibly some live music.



Is that a TOOL on that balcony, or are you just happy to see me?



Good friends, Good times



What's an OT without Foosball?

## Newfoundland Cod Fisheries Dispute

André Beltempo



2B Mechanical

Ever since the late 15th Century, the Grand Banks of Newfoundland and the area around Newfoundland in general, has been visited for the express purpose of fishing. The Grand Banks were recognized to be one of the finest fishing grounds in the world, and John Cabot, famous for finding Newfoundland and claiming it for England, was quoted as saying that "the sea there is swarming with fish, which can be taken not only with the net, but in baskets let down with a stone." Soon after, the fishermen from Europe began establishing fishing camps on Newfoundland itself, to more easily process the fish for the voyage back across the Atlantic. Newfoundland grew as the fishery grew. When the fishing trawler was invented in 1911, the British

colony of Newfoundland proposed an international ban on trawling, probably because they realized that for the first time, the possible depletion of the cod stocks could occur. The ban was vetoed by England, who at the time was enjoying the increased capacity that trawlers could provide. As the world industrialized, so did fishing, and the cod production from Newfoundland skyrocketed from 300,000 tonnes in 1952 to reach its peak of 810,000 tonnes in 1968. Of this catch, 85 per cent was from foreign trawlers. In 1998, a mere 39,000 tonnes were netted.

In the 1992, a moratorium was announced on commercial cod fishing, putting a massive quota on the number of cod to be caught, and resulting in over 40,000 people out of work. Understandably, the primary industry on

the island was nearly wiped out. The moratorium was supposed to be temporary until the fisheries recovered, and the federal government sunk massive amounts of money into federal assistance, yet the province of Newfoundland posted a

decline in population from 568,474 in 1991 to 512,930 in 2001. The fisheries today are still nearly empty.

On April 24, 2003, the fisheries minister, Robert Thibault, announced that what little remained of the cod fishery would be closed entirely, due to the apparent lack of recov-

ery shown in cod stocks. At this point the leader of the province, Roger Grimes, defiantly proclaimed that provincial justice officials would not prosecute anyone fishing illegally, and that the province would draft its own quota for the Gulf of St. Lawrence fishery. The Prime Minister then

issued a statement that: "I think it is completely irresponsible on the part of a premier to say to the people, 'Break the Law'."

I hate to agree with the Prime Minister, but Grimes is in the wrong this time. It's a very difficult situation. The livelihood of Newfoundland for 500 years was fishing. There are hundreds of minute settlements on the coast of Newfoundland that are utterly abandoned, because of the lack of fish. The problem is simply that there is very little fish left, and what little is left is being taken by trawlers from across the Atlantic, or St. Pierre and Miquelon. It is understandable that the closure of the fishery would arouse some protest, especially seeing as how the moratorium in 1992 was supposed to fix the problem. In fact, recent studies show that stocks aren't even a little better, they're worse. The stock is at less than 2 per cent of its size twenty years ago. The fact of the

Continued on page 8. See Newfoundland.

**"...Roger Grimes, defiantly proclaimed that provincial justice officials would not prosecute anyone fishing illegally..."**

*"The river I walk in is not the river I stand in" - Unknown*

## Letter From the Editor

## Where's the Love?

Jonathan Fishbein

2B Software

Editor-in-Chief



There was a time when the mantra of the business world was that the customer was always right. I am only 21, and even I remember when this was the norm. Wow, what a long way we have come. Today, the emphasis on customer service has been replaced by bigger sales, flashier commercials, and monstrous stores. Retail customer service departments are only there to tout the party line and disregard your needs as a customer.

Here is an example from my recent experience. I needed to return a computer purchase to one of the cookie-cutter computer stores here in Waterloo. Having called this particular store in advance to confirm that I was still within my return period, I arrived at the store with my computer and monitor neatly packaged in their original boxes. I continued on to the customer service desk, heavy boxes in tow. Upon my arrival, I proceeded to explain my reasons for returning the computer and monitor to the clerk behind the desk. He listened to my woeful tale intently and then proceeded to explain to me that I was no longer in my return period and that there was nothing the store could do for me. I explained to the clerk that he was in fact mistaken and I was allowed return the monitor and computer citing the recent telephone conversation I had with the store prior to arriving. The clerk insisted that person I had spoken to on the phone had made a mistake in advising me to take such an action. After ten minutes of furious debate, I left the store angered, frustrated and with two heavy boxes which I had hoped never to see again. Is this the future of customer service?

Now, I am well aware mistakes are made in today's world. We are only human and it would be naïve of us to assume that we will never slip up. What annoyed me about the whole situation is that although it was the store that made the mistake, I was the one who had to live with consequences of it. I do not need to tell you that if it were the store that was the victim of one of my blunders, they would not be so content to forgive me with just an

apology.

Customer service has gone the way of beta video recorders – it's a good idea, but nobody's interested in it. Where would retailers be without customers? It is consumers who drive the economy, not merchants. We are the ones who decide who receives our hard-earned dollars, and our standards have hit rock bottom. Stores have decided to do away with customer loyalty, and we have played right into their hands. We no longer expect respect from the large, faceless corporations, but rather sacrifice customer loyalty for an extra savings of \$20 here and there. I, for one, would rather spend a little extra money and actually enjoy shopping than keep the status quo.

As consumers, we need to stand up for our rights. Our needs should no longer be swept into the backseat so company profits can take a joyride up front. I propose a consumer revolution, adhering to the soon to be popular charter of consumers rights.

The first principle in the charter is to understand that you are spending your money for your needs. All too often have I witnessed sales people attempt to disregard a customer's needs in order to sell them the flashier, more expensive model. As customers, we should know what we want to buy. We should not have to put-up with bullying sales tactics and insincere motives in order for the sales clerk to get a bigger commission. If, as a customer, you feel that your needs are not being met by sales people, then I suggest you take your business elsewhere; and make a lot of noise about doing so.

The second principle is that the store that should be loyal to the customer, and not the other way around. Everyone talks about how they always buy a particular item at a particular store. We can only assume that this is because the store in question treats their customers with respect. What surprises me is that there is always that group of people who swear by those large box electronic stores that everyone knows have a horrible reputation for customer service. Where is this undying loyalty coming from? Are we so misguided to think that if we are loyal to a heartless retail outlet that they will spontaneously change their ways when dealing with us? As hopeful as this situation sounds, it is probably only a dream. As customer's, it is not our duty to be loyal to

a store, but rather the store's duty to be loyal to us. If I am treated well at a certain store then I will be more likely to return to that store for future business. It is in retail outlets' best interests to treat us customers with dignity and respect, and as customers, we should not accept any less.

The third, and last principle is that as much as anyone tells you otherwise, the customer is always right. Negative phrasings should not be in the vocabulary of sales clerks and customer service representatives. As a customer, you should not have to bend over backwards and conform to the needs of a particular store. Instead, it is the store that should be the pretzel, twisting around to your needs because you the customer are always right.

As customers, we need to take back what is ours in the retail world, specifically being treated with a certain amount of respect and decency. It is not until all stores realise this that my dream can be achieved – a retail utopia with low, low prices.

\* \* \*

Moving to a completely unrelated topic, I am utterly enthusiastic and very excited about the state of the Iron Warrior this term! I can thankfully say that I am supported in this opinion by my magnificent editorial board and staff for this term. Over the next few months we'll be continuing in the long standing Iron Warrior tradition of being one of the highest quality, engineering student run newspapers in the country.

You may have noticed that Iron Warrior seems a little thinner this term. This is due to some minor financial snags that were carried over from the previous term. As a result, we will be only printing a 12 page paper instead of our regular 16 page paper. No, we won't be cutting Mutant Dog for any of you who were worried.

As always, we are always searching for new and talented writers to join our staff. If you are interested e-mail me at [iwarrior@engmail](mailto:iwarrior@engmail) and I'll get you set up.

## Questions? Comments?

We welcome letters and feedback from all our readers. Please email us at:

[iwarrior@engmail.uwaterloo.ca](mailto:iwarrior@engmail.uwaterloo.ca)

## the IRON WARRIOR

The Newspaper of the University of Waterloo Engineering Society

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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](mailto:iwarrior@engmail)



## Dear LowRider: uw\_LowRider@hotmail.com

**“If you miss LowRider, you’d better be dead, or in jail. And if you’re in jail... Break Out!”**

Dear LowRider,

I can't believe we're stuck here in the summer! What the [censored] is that? All my friends at other engineering schools are back at home, drinking beer in the sun all day long and I'm in stupid 1B engineering. What can I do?

-Summertime Blues

Dear Summertime Blues,

You know you're right. It's quite a sacrifice to be here in the summer. While everyone else is relaxing, we're working our butts off for 5 years or working kind of hard for 6 years or pretty much relaxing for 7 years like Matan. The consolation is that those lazy, stupid-headed friends of yours will be polishing your Gucci shoes with their eyebrows in a few years.

-LR

Dear LowRider,

I hardly recognize the UW campus any-

more. There's new buildings, lots of construction, and damned flowers all over the place. My question for you is: what are they building on top of the SLC?

-Jerry

Dear Jerry,

That's a good question. I heard a rumour that they're building some kind of a helicopter landing pad for tenured faculty. Some people think that it's a new residence for the double-cohort, or more interview space. Personally, I hope that it's some kind of new un-closeable on-campus bar. We'll just have to wait and see.

-LR

Dear LowRider,

So, January 6th I was in front of Needles around 7:45 and my employer didn't come by to pick me up. I waited until 10:00, and then gave them a call. Apparently, they wanted me to move to Ottawa! What's with that? Anyway, I got fired, and I can't even get my co-op fee back. Who engi-

neered this system?

-Betty

Dear Betty,

You Systems kids make LowRider laugh. You can't engineer a system any more than you can engineer a software program. Better luck next time.

-LR

Dear LowRider,

I'm one of your long-term fans, and I need some help. Last term, I thought it would be cool to do a work term in another country. There was a posting for "Caine Co." in Columbia and I ended up getting the job. After the first couple of weeks, I figured out that that I was actually working for a cocaine cartel. However, the pay was fantastic, I like organic chemistry, and the weather was fine. So, like any good co-op student would, I toughed it out until I had my evaluation in-hand (Outstanding, by the way) and then I came back to Canada and entered the witness protection pro-

gram.

Anyways, all my friends from school will see this, and I'd like you to print my letter so that they know I'm OK and enjoying my new life.

-Mr. X.

Dear X,

First of all, congrats on the outstanding. Second of all, that's a great story. It takes a brave man to stand up to an international drug cartel. Fourthly, they really should do a better job of screening those jobs. I'll look into that. As for the favour, you're a long-time fan so I'll go you one better. For all the friends of the guy formerly known as Joshua P. Bowman, the return address on his envelope is:

1541 Springhill Drive  
Kamloops, BC  
V2E 2H1

He's probably kind of lonely and would love to hear from you!

-LR

PS: What was your work report about?

## Polarbears' Advice Corner

*Polarbears*  
Grad Student

Hi, welcome to my new advice column. I just started this column and I encourage you to write me with your questions. Please email polarbears76@hotmail.com with the subject "Polarbears' Advice Corner" and I'll answer you here.

1) Best way to reject a guy?

What is the best way to reject a guy? What is the nicest way to reject a guy without affecting the friendship? What would the girls do and how do the guys

prefer it to be done? (Let's say the girl feels that he's interested in her but he didn't say it directly.)

-Ceci

Dear Ceci,

If he is asking directly for a date: The first time, make up polite excuse like busy studying or going for groceries with your female friend. The second time, be honest and say you're not interested. The reasoning behind this is to be polite the first time but pick an excuse that's simple like studying because he'll get the point that your not interested in him if you won't give up studying or grocery shopping for a date with him... However, the second

time, be truthful that you're not interested in him because he didn't get it the first time. Then you shouldn't get more trouble.

If he's asking kind of casually:

Reject politely many times... But if you want to go out as friends make sure you don't go out one-on-one. Make sure it's not just you and his friends, or him and your friends since it'll look like you're 'with' him or he's 'with' you. That way you can make friends yet he won't start having thoughts in his mind that your going out solo.

-Polarbears

2) Want person back after break-up?

What do you do if you break up with a person, then later wants him/her back? I don't know.

-><

Dear ><.

Most break-ups happen for a reason. Confidence has shattered. Something has already happened. Unless the situation has changed, the reason's still there, so why get back together. But if you really miss someone and are willing to try to work things out again that's different. Just realize that both parties need to try extra hard because you both have baggage from the break-up in the first place.

-Polarbears



**Sandford Fleming Foundation**  
E2 3322, ext 4008, 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 2001/2002 academic year was approximately \$38,000. 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 May 30<sup>th</sup>. 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 **Thursday, June 5 at 10:00 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.*

## ENGINEERING SOCIETY EXECUTIVE REPORTS

## What Happened While We Were Gone...


 Leanne Whiteley

President

Hello everyone and welcome back! I thought I'd start with giving you a brief rundown of what you may have missed during the Winter Term. First of all, there have been many break-ins across campus with the major targets being the Student Society C&Ds and Offices. Both the Engineering C&D and the Engineering Society Office were hit. Since this time, we have re-keyed all the doors, introduced new closing and opening procedures, insured all our valuable assets with the FEDS, and contacted campus police to find out what else we can do to minimize the risk of this happening again.

On another note, the Engineering Society Office (the Orifice) hours have changed. The Orifice is now open from 8:30 until 4:30 Monday to Friday. Also, we received a new photocopier contract from Graphics and with it came a cost increase. Photocopies now cost more than 5 cents per page, but the Engineering Society Executive have decided to continue offering 5 cent photocopies to all

Engineering Society members. The loss is anticipated to run to about \$50, and will be monitored.

I would like to take this opportunity to point out that last term the Engineering Society Council passed a new Poster Policy, which is available on-line at <[http://engsoc.uwaterloo.ca/www/documents/policy\\_asoc\\_posters.doc](http://engsoc.uwaterloo.ca/www/documents/policy_asoc_posters.doc)>. Some key points that I would like to bring to your attention are that posters should not make direct reference to alcohol; there is a 40 poster limit; posters can ONLY be placed on Engineering Society boards with staples. Any poster in violation of the poster policy will be removed and the group responsible could be faced with future poster refusal.

Lastly, this term is an election-term, which means that those of you interested in being a member of the Engineering Society Executive should look at the EngSoc calendar <[http://engsoc.uwaterloo.ca/www/evn\\_calendar.php](http://engsoc.uwaterloo.ca/www/evn_calendar.php)> for deadlines. If you like to know what it's like to be an EngSoc exec or would like to know more about what each of the exec do, please feel free to contact any of the current EngSoc Executives. As always, if you have any questions or concerns, please do not hesitate to contact me at ([asoc\\_prez@engmail.uwaterloo.ca](mailto:asoc_prez@engmail.uwaterloo.ca)) or drop by the Orifice and see if I'm there.

## Another Term, Another Budget


 Kristen Farn

VP Finance

Welcome to the Spring term, by far the best term of the year.

The deadline for directorship budget proposal forms was last Friday. For all directors that missed the deadline that I have not been able to track down since then, I will be assigning you a budget based on prior term budgets. However, we would like to know what events or ideas you have planned for the term so please inform one of the exec as soon as possible. The draft budget will be presented at the next EngSoc meeting on May 28th and then will be up for approval at the following EngSoc meeting on June 4th with any revisions noted. As well, the draft budget will be on the EngSoc website soon, so check it out on the ENG Forms page. It will give you the general breakdown of where your \$14 EngSoc fee will be spent this term.

Expense forms for directors are available in the Orifice. Please, attach all your receipts and separate the GST for your purchase so that EngSoc can receive a refund later. Expense forms should be placed in the VPF mailbox and I will have a cheque ready for you within a week. If I don't see you around, I will leave the cheque in your directorship mailbox or with Betty Beaver. As well, like last term there will be a weekly update on the EngSoc website of what funding has been spent for directorships once the budget is approved. To keep this up to date it is important that directors submit receipts regularly.

Every term a part of the EngSoc budget is for donations towards student

projects and initiatives. If you are a member of the Engineering Society (i.e. you have not requested your \$14 EngSoc fee back) and you have a project that requires funding then you are eligible to apply. Donation proposal applications are available in the Orifice, online at [engsoc.uwaterloo.ca/www/engform.php](http://engsoc.uwaterloo.ca/www/engform.php) or e-mail me at [asoc\\_vpfin@engmail.uwaterloo.ca](mailto:asoc_vpfin@engmail.uwaterloo.ca) for a copy. There is \$1500 available this term to split among applicants. Proposals are due on May 30th and each group/individual that submits a proposal will be required to present their proposal at the EngSoc meeting on June 4th. The council will then vote to determine the amount of money each project will receive.

So you may ask, if I'm not a director and I don't have time to come out to EngSoc events and I don't have a project to request funding for than how is my \$14 EngSoc fee going to benefit me? Well there are many ways to put your \$14 fee to work for you. For this small fee you gain access to subsidized prices at the Engineering C & D (Coffee & Donuts) where you can get the cheapest and best coffee on campus for only 50 cents when you bring your own mug. You can also use the cheap \$0.05 photocopiers or inexpensively bind your reports in the Orifice. The exam bank is available in the Orifice and it is now also on the EngSoc website; however, you wouldn't have such convenient access if you don't pay your fee. There is POETS for when you need a break between classes and much more. However, I still highly recommend you check out an EngSoc event this term because you don't know what you're missing. To name only a few there is TalEng, Mudbowl and the drama production. Check out the IW and the EngSoc website regularly to find out what is going on.

If you have any questions or concerns, please contact me via e-mail or stop by the Orifice.

## What's Happening?


 Ryan Walker

VP Internal

Hey all. Well here we go again. Postings have started and most of us are 2 weeks behind in class. Well, no worries, we always seem to pull through. It's time to get out the schedules and start organizing our time. There are few up coming dates to remember, so have you assignments done early so you can come along. Eng Hockey starts May 23. That's today if your reading this fresh off the presses. On Thursday May 29, the class of 2006 is hosting an Iron Ring Wing Ding. In celebration of their 1000 days 'til IRS there will be 1000 chicken wings for sale in POETS from noon to 4pm. The very next day, May 30, is Alumni day in POETS. Class reunions are being held that weekend and we've invited all the alumni to come back and have one more beer in POETS. Even the dean is coming!

This summer is looking like it

will be a great one. There are plans in the works for a very semi-formal. It's going to be a Luau and rumour has it we're roasting a pig! So get prepared to be leied with a pig at this summer's Eng Semi. Our P\*\*5 (P to the fifth) directors are extra enthusiastic this term and are looking to give your class points. Biweekly submission bonuses will be given to classes who submit often. Send your submissions to [asoc\\_p5@engmail.uwaterloo.ca](mailto:asoc_p5@engmail.uwaterloo.ca).

Calling all volunteers! Do you want to help out with eng-events but hate commitment or responsibility? Join the task team. This is a pool of people that directors can draw on when they need extra bodies to run an event. To be placed on the task team list all you have to do is send an email to [task\\_team\\_a-subscribe@yahoogroups.com](mailto:task_team_a-subscribe@yahoogroups.com) and if you need help to run / set-up event email the task team [task\\_team\\_a@yahoogroups.com](mailto:task_team_a@yahoogroups.com).

There are plenty of things happening this term and you won't want to miss out so check the engsoc website regularly at <http://engsoc.uwaterloo.ca>. Also, don't forget to read the IW often to keep up to date.

Cheers.

## ('pe-tu-'the-'fif(t)th 'point-z)

Rosaline Choy & Kitty Chan  
P\*\*5 Directors

Hello fellow engineering students! We, the P\*\*5 directors, will be tracking your P\*\*5 points this term. If you don't already know, P\*\*5 stands for Paul and Paula Plummer Participation Points. It's a big competition between all the engineering classes. If your class wins first, second or third place you will get a cash prize of \$300, \$200, or \$100 respectively to spend on anything your class wants.

As P\*\*5 directors, we award the points to the classes. Points are awarded for various activities and a complete list is available on the engsoc website. An online submittal form will soon be available on the engsoc website. To encourage submissions, a bi-weekly bonus of 50 points will be given to each class that submits their points. The first bi-weekly deadline is May 30, 2003, so hurry and submit your P\*\*5 points on time! E-mail your point submissions to [asoc\\_p5@engmail.uwaterloo.ca](mailto:asoc_p5@engmail.uwaterloo.ca)

Good luck and let the game Begin!

## Upcoming Events from EngSoc

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
25	26 Habitat for Humanity Meeting in POETS	27	28 EngSoc Meeting #2 WEEF Proposals Begin	29 Iron Ring Wing Ding GradComm Slave Auction	30 Cross Campus Capture the Flag Alumni Day	31	Sign-up sheet for SCUNT is located on the Orifice Door. Sign your team up now before it is too late!
1	2	3	4 EngSoc Meeting #3	5	6	7	

## ENGINEERING SOCIETY EXECUTIVE REPORTS

## SUBS and Stuff



Laura Mooney

VP Education

Spring. The birds are singing, a light breeze is rustling the leaves of the maples in my back yard. Tulips and daffodils blooming. Sitting out on the back porch reading ... Engineering Economics. Yes, we're back to school, just as everything is starting to get nice outside.

Hopefully this report finds everyone settling nicely into the swing of classes, tutorials, labs, and the ever present co-op.

The new co-op building is close to being fully outfitted – everything seems to be in place except the television monitors that will provide live information on how interviews are proceeding, much like airport status monitors. There may be another forum about the new online system this term – keep your eyes and ears open for that.

On an unrelated note, SUBS has been an interesting adventure. There are some books listed online now – check out

[www.engsoc.uwaterloo.ca/www/subs](http://www.engsoc.uwaterloo.ca/www/subs) if you're still trying to get that ridiculously expensive book for less than the price of your first born child.

Something of note is that you can, indeed, search the Feds Used Book Store inventory online before you invest hours trying to get into the place. Go to [www.feds.ca/businesses/usedbookstore.html](http://www.feds.ca/businesses/usedbookstore.html) and click the "Search" icon to find your books.

Related to "gee, I never knew that was online!", if you'd like to be informed of WatPubs while on co-op, sign up at [www.watpubs.com](http://www.watpubs.com) each term.

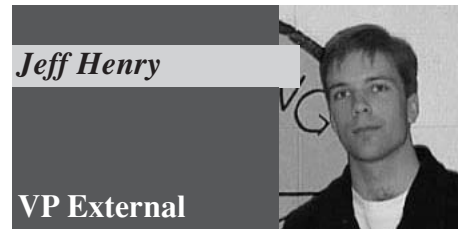
Also to keep in mind, if you're interested in participating in the SFF Technical Speaking or Debating competitions, the department level contests will be taking place soon so watch for information from your department secretary. Spectators are also more than welcome.

And so, in parting I leave you with this thought:

The last time somebody said, 'I find I can write much better with a word processor,' I replied, 'They used to say the same thing about drugs.'

- Roy Blount Jr.

## External Events



Jeff Henry

VP External

Welcome back to what should be an exciting and eventful summer term here in Waterloo.

Starting on the home front, our illustrious Canada Day directors are soon going to start soliciting volunteers to help run our part of the largest Canada Day celebration in the tri-city area. Plan to be around the afternoon of Tuesday, July 1st and you can help us tire out the local children at the engineering Olympics then sit back and enjoy the fireworks explode over Columbia lake.

Our charity directors will be running a food drive at the end of term so before you throw out those non-perishable food items from your apartment's previous occupants, or even some of your own come exam time, just think of the starving children. Hopefully by next issue they'll have a long list of other charitable events for you to peruse. And while you might have already missed the Women-in-

Engineering/Men-in-Engineering night this past Wednesday, a chick-flick night and the traditional wine-and-cheese remain upcoming.

Looking out to the rest of the country, this weekend Waterloo has two delegations off in Kingston attending the Engineering Student Societies Council of Ontario's Annual General Meeting. While usually this meeting lacks the same usefulness as ESSCO itself often does, the agenda is one of forward thinking, direction setting, and maybe even some sober vision. In any case, there may be something more of substance in my next report.

As for the Canadian Federation of Engineering Students, the Congress in January proved fruitful as we walked away with a regional executive member and three members of the various boards of directors. With a voice on the inside relevance of the organizations might not be too far away.

So, as all of us head closer to midterms remember it is a summer term. Whether you join the graduating class on a tour of local public establishments or simply throw a Frisbee around on the Grad House green enjoy the next few months. After all, aren't these supposed to be the best years of your life?

## Novelties Store Now Open



Mike Henheffer

4A Computer

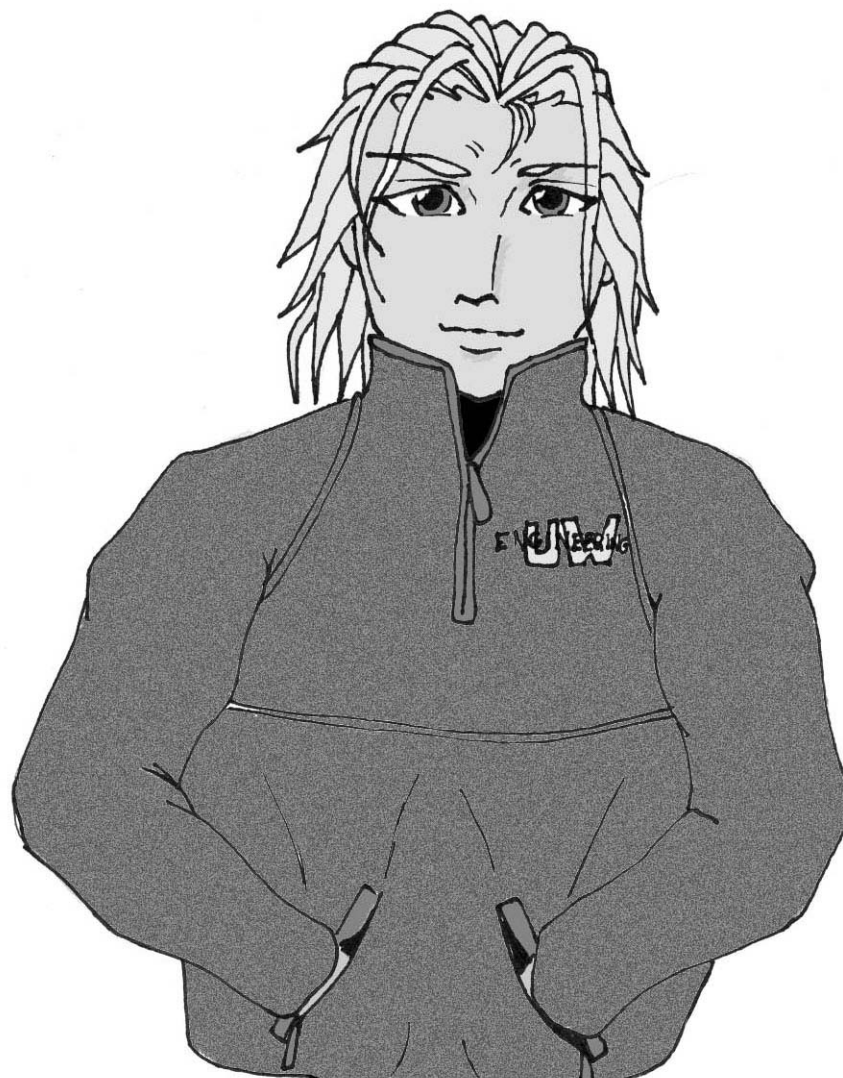
The Engineering Novelties store is now open for the term. In case you don't know, the Novelties store is located just outside POETS in Carl Pollack Hall. We have many Waterloo Engineering novelties for sale in this store.

Engineering T-shirts, hospital pants, tape measures, coffee mugs and pens are just some of the many products that we carry. We have many new items for sale this term, so come to the store to see what we have to offer. Our weekly hours of operation are as follows:

Monday	12:30 – 1:30
Tuesday	11:30 – 12:30
Wednesday	11:30 – 1:30
Thursday	11:30 – 1:30
Friday	12:30 – 1:30

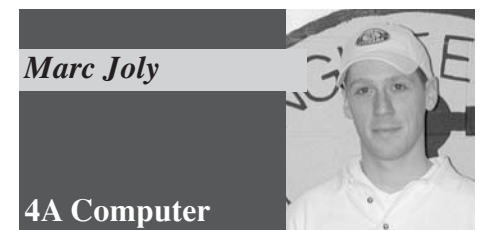
We may also open the store at times outside of these regular hours so any time you see the door open, feel free to come in and take a look at what we have available. Keep an eye open for us in the CPH foyer as well, as we may be having special sales from time to time. There also may be a Novelties fashion show later on in the term, so keep your eyes open for that too.

If you have any suggestions for items that you would like to see us carry in the future, please drop by the store and let us know.



**Stay cool this summer in a UW Engineering fleece pullover. Products available only at the Engineering Novelties Store located in CPH Foyer, right next to POETS. Open Mon-Fri at lunchtime.**

## WEEF



Marc Joly

4A Computer

Until the end of 1998, the allowable expenditure rate was based on the investment company's forecasted earnings of our endowment fund. At the end of the year, if WEEF had made more than the projected income, the extra money was carried over to the next year and added to that year's expendable amount.

Obviously, this method of calculation was too aggressive. If we spent all of the previous years extra expendable and there is a negative return on investment, the next year we would have little to no money to spend. Fortunately, in the spring of 1999, WEEF changed how it calculated the amount of money available for spending (known as the expendable amount).

The new method of calculating our expendable for the year was quite simple. WEEF allocated 5% of the book value of the principal at the fiscal year end (April 30 of each year) to its expendable amount. Even if the rate of return from our investments was less than 5%, 5% was allocated towards funding.

This funding approach worked until 2001 when UW's Endowment Funds received a negative return. Consequently, at the end of the fall 2002 semester, the school decided to allocate only 2.5% of our principal for expenditure, during this fiscal year, instead of 5%. This means that we will be spending \$35,000, instead of \$70,000, to improve our engineering programs this semester. UW will maintain such a cautious expenditure, until the economy is back on its feet.

WEEF proposals will be accepted from May 28th until June 27th with presentations the following week. For more information, please visit WEEF's web site at [www.eng.uwaterloo.ca/~weef](http://www.eng.uwaterloo.ca/~weef).



## Activities

## GradComm Slave Auction

Mike Henheffer



4A Computer

Do you need a slave? Are you looking for someone to do the work you don't want to do? Are you looking for someone to drive you around while on a pub tour? If so, you won't want to miss the Gradcomm slave auction on Thursday, May 29 in POETS from 11:30 to 1:30. At this event, many engineering students will be on the auction block

offering their services as slaves. The proceeds from the auction will go to support Gradcomm 2004, which organizes many events for the graduating class of 2004. So if you need a slave, don't forget to bring your money to POETS on May 29th.

Are you interested in being a slave? We also need people to volunteer to be slaves for the auction. You can sign up to be a slave in the Orifice. Volunteering to be a slave will earn P\*\*5 points for your class. You will also get a chance to see if you can draw the highest bid. So please come out and support the graduating class.

## Athletics: Summer Sports Line-up

Dan Foong



4A Civil

Okay, so some things went wrong last term. No Mudbowl, wheelchair basketball, or any other athletic event for that matter. What happened was this: during my 3B term I decided to take a less active role in the Engineering Society, after my role as FOC 2002 ended. As a result, the athletics directorship was left up in the air. However, this term I'm back and new life will be breathed back into athletics (okay I like tooting my own horn).

First things first, there will be an Ice Hockey Tournament early on this term. Round Robin Games will be held on the weekend of May 24. Unlike last term however, games will be played for a full hour as opposed to the 20-minute continuous clock. Last term we had 10 teams sign up and the then 1A Civil Class (Full Tilt) walked away with the trophy. The Final tournament will be held in July. Be sure to come out and cheer on your fellow Engineers as they vie for the coveted Ice Hockey Trophy.

Following a major Ice Hockey Tournament will be the ever fun-filled Mudbowl. Although it failed to run last term, rest assured football fanatics there will be a Mudbowl this term. When and

where have yet to be determined but don't fret, there will be plenty of warning.

While keeping with Engineering staples, such as Mudbowl, new tournaments will pop up throughout the term. Keep an eye out for Volleyball and Basketball Tournaments this term. Since scheduling for this term is tight, these events may run during the night or in the afternoon. Exact dates will be worked out as the term progresses.

***"First things first,  
there will be an Ice  
Hockey Tournament  
early on this term.  
Round Robin Games  
will be held on the  
weekend of May 24"***

We have a new Athletics Director who is pretty gung ho about sports, so don't be surprised if she happens to propose many new and amazing ideas in upcoming terms.

Don't forget, don't be limited to what the Athletics Director imagines. If you have an event or a sport that you love and would like to share with the rest of the Engineering Society, don't hesitate to drop off a message in the Athletics mailbox in the Orifice. Your idea may be the next Mudbowl, you never know!

## GradComm: It Begins

Kristina Hotz & Leanne Whiteley  
GradComm 2004 Chairs

Hey 2004s! I bet you never thought this semester would come, but it has. The clock in POETS is counting down to OUR IRS, the single most important day of your life. You thought it would be your wedding day, or perhaps, the birth of your first child? Well, you were wrong. As an engineer, the last 5 years (or more) have been building up to one single moment. The moment a little iron ring finally finds its way to your little finger.

Before we make it to that day, we have to do a lot of work. I'm not talking about fourth year projects. I'm talking about ensuring that the journey to that day will be as memorable as possible. I'm talking about GradBall, Pub Crawls, and parties. I'm talking about making sure that our final year at this fine institution is the best year ever. How can you do this?

JOIN GRADCOMM!!!

There are a number of committees just waiting for members. There are jobs for every interest level and every commitment level. We need people to help with:

External Fundraising  
Internal Fundraising  
GradBall  
IRS  
Plummers Pledge  
Yearbook

If joining a committee isn't your style, that's fine too. You can still participate by coming to events - no strings attached and no responsibilities. It's hard to say no to that, eh?

To find out more, a meeting has been scheduled for each class in RCH 101. It is important for everyone to be at their class meetings. We will be talking about grad photos, iron ring fittings, valedictorians and yearbook deadlines. We can't wait to see you there.

Here is the schedule for these meeting:

EnviroChem: 4:30 on May 27th  
Mech: 5:30 on May 27th  
Civil: 4:30 on May 28th  
ECE: 5:30 on May 28th

## Class of 2004 Yearbook

Maria Simoes



4A Computer

As hard as it is to believe, in less than a year a group of us will be graduating from University of Waterloo Engineering. That said, there are a couple of things that will be needed from graduating students in order for them to be able to look back in ten years at a book of their experiences.

This year's Yearbook is already going full force. By the end of this term, graduating students will have already taking their Graduation Head Shots and will have chosen their favourite for placement in the yearbook. But more than just picture taken needs to be done.

Each fourth year class this term must pick a representative to the yearbook

committee. This person will be in charge of gathering candid shots and memorable quotes (from over the past four years). As well, this person will also be in charge of making sure that members of her/his class have submitted the grad blurbs and chosen their graduation pictures in due time, or will have specifically opted out of having their names/faces in the yearbook. If you are interested in helping out in this way, then make sure to come to the class presentations being given on May 27th and 28th - since the representative will likely be picked at this team.

Your graduating yearbook is something that you can cherish for a lifetime. Twenty years from now, you can open it up and remember fondly your 4 and 2/3 time at this place.

If you have any questions about the Class of 2004 Yearbook, you can currently e-mail the A-Soc committee chairs: dhlam@engmail.uwaterloo.ca and mssimoes@engmail.uwaterloo.ca and your questions will be answered.

## Greco-Roman Scavenger Hunt Today!

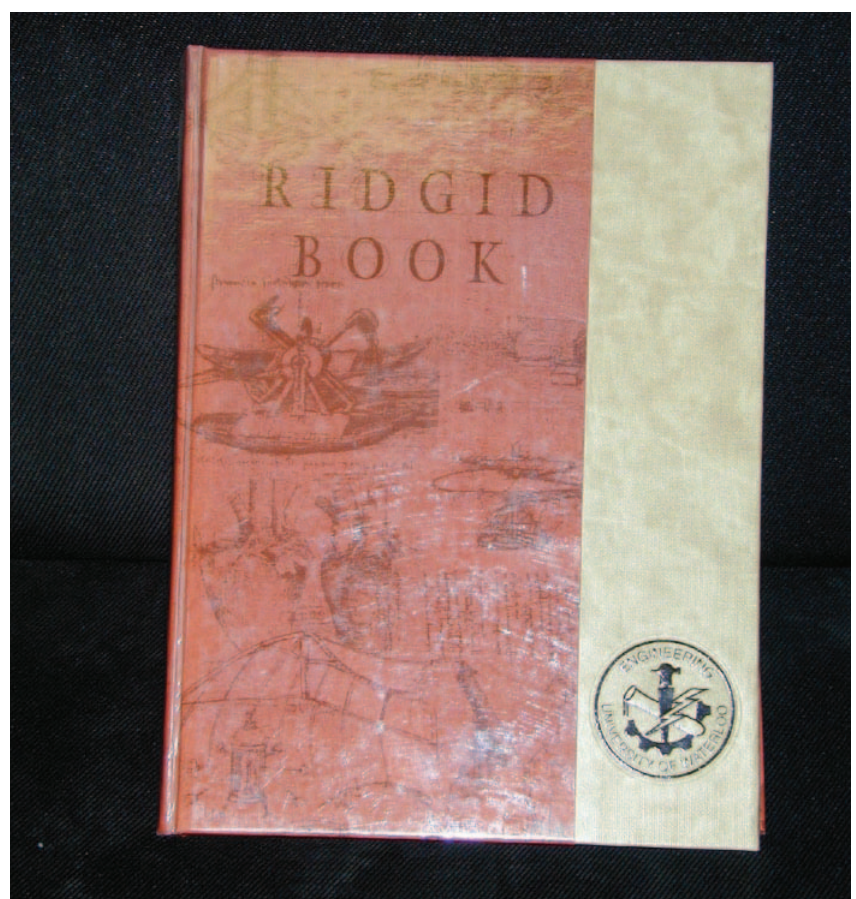
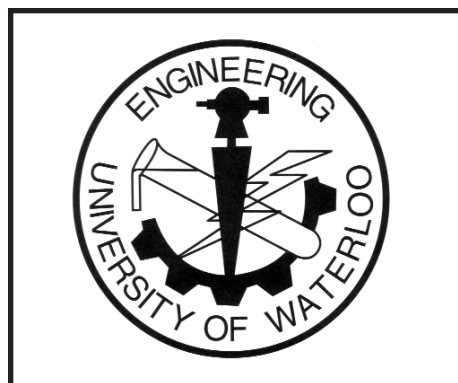
ScHunt Gods  
2B Mech

This term's scavenger hunt is taking place starting today (May 23rd) at 12:30pm through tomorrow at noon. It is not too late to put together a team or to

become a lone toga wearing scavenger hunter. Just sign up in POETS at any time until 11:30am tomorrow. The cost will vary linearly with the time remaining. A good time will be had/is being had/was had by all (depending on what time you are reading this) so don't miss out on any more of the action!



Oh No! It's Janus!



That's one RIDGID book!

## Wheels in Motion

*Kendra Ogden*  
4A Civil

"Every time we reach an obstacle, we believe with all our hearts that somehow, somehow, there is a way over it, under it, around it, or through it; but somehow there is a way. We just have to find the key. We control the key." - Rick Hansen

During his around-the-world odyssey, Rick Hansen wheeled more than 40,000 km through 34 countries to share his inspirational message of hope and determination. He showed everyone that "if you believe in a dream and have the courage to try, great things [really] can be accomplished". Despite being faced with the devastating reality of a spinal cord injury (SCI) that left him a paraplegic at the young age of fifteen, Rick did not succumb to his injury or his disability. His disability was physical yet his spirit remained untouchable; The Man in Motion Tour was further proof of that. He dreamed of circling the globe, and in the midst of serious criticism of that dream, he followed his heart in pursuit of making it a reality.

While on the road, Rick focused on the end of the journey. He believed that his dream would be fulfilled when he rolled back into Vancouver, B.C. What Rick had yet to realize was that his dream had been transformed; "The work was not over, just the journey". In the following fifteen year's, Rick has dedicated his life

to making a difference in the world of SCI. Today, he is President and CEO of the Rick Hansen Man in Motion Foundation and the Rick Hansen Institute. Both of these organizations have made an impact of more that \$137 M on the field of spinal cord injury including research, awareness, and rehabilitation.

SCI affects 37,000 Canadians, but for those who are not directly affected by it, it is a difficult concept to grasp. Could you imagine spending your days in the sitting position with no option to stand? Could you imagine not being able to grasp objects with your fingers? Asking these questions is not intended to invoke pity or sympathy, merely facilitate thought on the matter. However, it should be mentioned that the perception of SCI and disabilities is often misguided because it is based on an "able-bodied" or a non-disabled persons view of his/her reality. A common misconception is that the word disability is equivalent to the word cannot or inability. This simply is not the case. The task may simply be done differently and may or may not require more time. Rick himself stated: "My disability is that I cannot use my legs. My handicap is your negative perception of that disability, and thus of me".

My brother experienced this negative perception many times during his life. He too, suffered a spinal cord injury that left him unable to walk again. In 1991, Brent dove into the shallow end of a friend's backyard swimming pool. That seemingly innocent act irrevocably changed everything for him and our fami-

ly. The SCI left him a partial quadriplegic at only nineteen years of age. He spent six months in the hospital learning how to perform routine tasks with the limited movement that remained. Even when he was lying flat on his back, unable to move, Brent too, made the decision that he would not spend the rest of his life sitting still. His disability was not going to stop him. To say that it didn't would be an understatement.

Brent led a very fulfilling life and was more active than some able-bodied people. He never let his disability stop him from participating in his life. His patience - an acquired attribute - enabled him to develop the skills and experience required to perform many tasks. Help was not something that he asked for often. Those people around him who initially felt sorry for his situation learned quickly never to underestimate him. Without even trying, Brent often left people, including my family and myself, in awe of what he could accomplish.

Unlike Rick, my brother did not take a public role promoting awareness or fighting for the cause. Nevertheless, he taught everyone that knew him and many that only knew of him what courage, determination, and strength really were. Although my brother is no longer with us, having developed other health problems, there are constant reminders of how Brent's story and his unbreakable spirit touched our lives and the lives of all who knew him.

On Saturday, June 14, 2003, in order to rekindle the spirit of the original

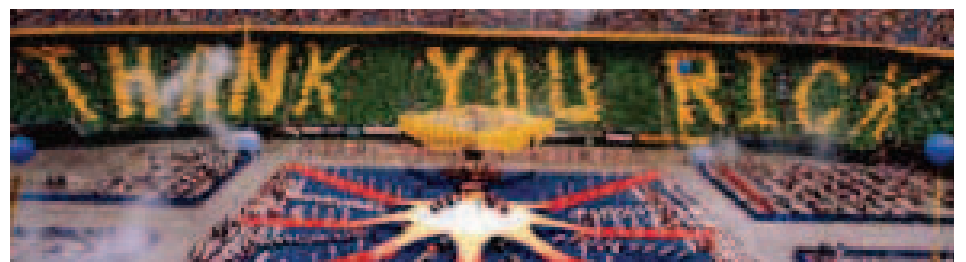
tour, the first Rick Hansen "Wheels in Motion" fundraiser will roll out in a projected 225 communities across Canada. People will "get on wheels to help people with SCI get off wheels". Participants will roll along a designated course in their community on bicycles, roller blades, scooters, skate boards, even wheel chairs (basically anything with non-motorized wheels), or by walking or jogging with the wheelers. Participants are encouraged to raise funds through pledges and donations with all proceeds directed towards the Rick Hansen Man in Motion Foundation in support of making a difference in the lives of people with spinal cord injury. The proceeds will support improving the quality of life of people with SCI as well as research to accelerate the discovery of a cure.

Nationwide community participation is the key to making this worthwhile signature event a success. Ninety percent of what we know about spinal cord injuries has been discovered in the last 10 years. The kind of support that can be gained from an event like this will help to make the belief that people will walk away from spinal chord injuries a reality. You can be a part of that reality. On June 14th, you can help to make this dream come true for someone suffering from a Spinal Chord Injury.

For more information on either Wheels in Motion or the Rick Hansen Institute go to [www.rickhansen.com](http://www.rickhansen.com). To volunteer to lead a Wheels in Motion event or to help out, email [commenevents@rickhansen.com](mailto:commenevents@rickhansen.com).



*Kendra Ogden and Rick Hansen*



## In Remembrance...



*Leanne Whiteley*

President

I regret to inform you that one of our fellow students died due to results sustained in a motorcycle accident during the first weekend of the term. Mirko Hroch, 19 years of age, had just begun his 1B term in Mechanical Engineering.

A funeral service for Mirko was held on Friday, May 16, 2003 at the

Edward R. Good Funeral Chapel. The funeral chapel was filled with literally hundreds of people who came to remember and celebrate Mirko's life. The congregation heard from numerous friends, teachers and family members who shared some of their experiences with Mirko.

There will be a memorial for Mirko some time in the coming weeks. The EngSoc website and the whiteboard in front of the Engineering Society Office will provide more details, as they arise. Donations can be made to the Mirko Hroch Scholarship Fund through the TD Bank. Additionally, there are donation jars located in both the C&D and the Engineering Society Office.

Losing a loved one is a very difficult thing to go through; especially when you factor in the added pressures faced at school. The University has a well-trained counselling staff located in the First Year Office (CPH 1325C or ext. 2849) and at Needles Hall (NH 2080 or ext. 3528). I would like to strongly suggest that anyone having trouble coping with Mirko's death seek counselling. In fact, if you are experiencing any emotional difficulties relating to academics, social or family problems, I would recommend making an appointment with the University's counsellors. The service is free and it's confidential. The counsellors are there to listen and help you cope with any issues that you may have.





## Opinion

## Newfoundland

...continued from Page 1.

matter is that the thing was fished to death.

Whenever something fails, we are compelled to ask how or why, and then set out to ensure the problem does not occur again. It's in our nature, especially when we are engineers. So, how did it come to such a terrible end? Basically, industrialization marked the death knell for the fisheries, because the fish could be harvested at such a ridiculous rate. According to the scientists, Canadian and foreign over fishing were the prime culprits, followed by cold water temperature variations, depletion of food stocks and the destruction of habitats by deep-sea fishing trawlers.

So, now we have to ask ourselves two things: What can we do to actually save the fishery, if anything? How can we learn from this man-made extinction that has so heavily affected us?

Despite the apparent lack of recovery, the Department of Fisheries and Oceans in Ottawa still ardently believes that the stocks can recover, given time, and provided no one fishes cod. That sounds easy, but actually is a massive social, economical and even international problem. Closing the fishery for the time it takes to recover has already occurred, and the moratorium has already wreaked havoc upon the Newfoundland economy. Additionally, foreign over fishing is constantly occurring, and the Coast Guard would need to be allocated significantly more funding to be able to halt foreign over fishing. Lastly, who is to say that the stocks have recovered? In fact, what is

'recovered'? Does that mean 1990 levels, or 1950 levels? Obviously, the longer the fishery is left undisturbed, the better the stocks can be, but when the fishery re-opens, strict quotas will have to be enforced, to ensure the same mistakes are not repeated. On top of that, the push to open the fishery earlier would be inexcusable, and although it would be nice to stop for 10 or 20 years, realistically, social pressures would probably dictate restarting it sooner.

The collapse of the cod fishery occurred rapidly and has taken far more time to recover than we thought it would. Although it's nice to imagine that something like this is a mistake of the past, and that today, environmental regulations would prevent such a near-extinction, that is simply not the case. Look at the B.C. fisheries as an example. Are we taking the lessons learned from the Newfoundland fisheries and applying them on the opposing coast? Up until now, there have been very little quotas imposed on the B.C. fisheries, despite the obvious example in Newfoundland.

Mankind gave up hunter-gathering on land 15,000 years ago, because it took 1 acre of land to feed a person. We ended up adopting agriculture methods, and today have the capability to adequately feed 6 billion people. When it came to the ocean, we did not change hunter-gathering (read: fishing) until very recently, when 'fish-farming' showed up. Up until now, the ocean has been bountiful enough to provide for us as it did for the average Neanderthal. Unfortunately, it appears that those days are likely to be numbered.

## Where's the Outrage?

Jeff Henry

VP External



There have been a few uproars of late when students have felt slighted by the administration. Every time fifteen percent was tacked onto tuition, when student run bars were shut down, or even when a \$25/term for 25 years towards a new coop building was approved students were up in arms. But like any group without corporate memory these uproars quickly vanish and life simply carries on, promises and memoranda of understanding forgotten.

On May 5th the new CECS building was officially opened as the Tatham Centre (TC) and a \$4.1-million contribution from a UW alumnus was announced. That isn't controversy - or at least without corporate memory it isn't.

Back before the summer of 2001 then FEDS President, Chris Farley, had come out of negotiations with the university administration. The \$8.7-million TC needed about \$4.35-million to go forward and the students were eyed as the saviours. Despite a referenda conducted by the FEDS indicating no support for the fee, Farley went ahead and inserted student consent to the plan to charge us all \$25 per term for 25 years. Students were outraged, but that hardly mattered. CECS needed the space, SuperBuild was supplying money and complaints over another fee weren't going to stop progress.

Placating to student outrage, however, was not above the university. A memorandum of understanding was drawn up between the FEDS and the university speaking to recognition for our contributions equal to what a donor would receive. Further, donations would be sought to help further pay for the building throughout the student payment period. In April 2001, the Daily Bulletin confirmed what Farley had promised: any donations raised would offset the student contribution meaning a smaller fee or a shorter contribution time.

Two months later the university approved a plan to allocate only \$2.35-million of SuperBuild loot to the TC. Counting the beans leaves the \$8.7-million building \$2-million short.

A little less than two years later, the building cost is announced at \$10.8-million. The shortfall, now at conveniently \$4.1-million, is covered by our illustrious philanthropist alumnus for whom the building is now named.

For \$4.1-million, Tatham got his name on the building and a dinner in his honour. Students had a plaque on the wall and still \$25 for twenty-five years. And while we may get the lobby to be renamed to recognize fee-paying students, students shall still be for the next quarter century.

And where exactly did that \$2-million dollar SuperBuild money go? Well the initial application was presented omnibus allowing the university to put those millions into any one of three approved buildings. It seems, from the lack of student outrage, that they'd rather complain about not being able to spend that \$25 in the Bomber than the \$25 itself.

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# Life... or Nothing Like It: The Art of Nodding and Smiling

Rajat Suri

IB Chemical



"If something annoys you, kill it. It worked for Bush." - Rajat Suri

Picture this. Your boss comes up to you and starts talking about the golf clubs he recently found on sale at the flea market. His eyes widen, his voice trembles and his hands wiggle in excitement as he tries to describe the sheer brilliance of the design, the magnificent sculpting of the handles and of course those letters engraved on the face of the club, M. W., which could only mean Mike Weir. The vendor said so himself. Your boss just knows he'll get under par on his next round.

Ahh, you think, so that's where he was all day Monday. Pity you couldn't be there, since you were otherwise occupied putting in a hard day's work at the office so that your boss could take his monthly vacation in Cuba, Jamaica, or wait was it Tahiti last time? You've lost track by now.

But of course you'd like to go back to school some day, so you don't go spluttering all this to his face. Although that might be fun, maybe even exhilarating, I would discourage you from making such a choice, unless a) the pay is lower than minimum b) you're planning a career as a subway hobo or c) you work at a sweatshop in China.

No you must resist the temptation. I know it's hard to stop yourself from visualizing your boss looking like a stuck pig as you tick off the complaints from the ever-growing list, but for co-op's sake, please try! There is simply no benefit to dreaming about the distinctly red hue that will doubtless flush your boss's face, or his smug expression slowly but surely disintegrating to one that is not dissimilar from Bush's patented "where-am-I-who-am-I-please-get-me-away-from-here I-want-my-mommy" look.

Nay, for there is a better way my engineering compadre. It's been around for years, decades, centuries...forever, basically. There are rumors that Jesus' disciples invented it, but I have a sneaky suspicion that it dates back even before then.

It is known to many but understood by few. It is the Art of Nodding and Smiling.

ANS, as it called by the chosen few, is easily one of the most powerful weapons in a relatively intelligent human's arsenal. Forget karate, jujitsu, and bad breath.... ANS is where it's at. It is learned, not

taught, at a very early age. Experts put it at around 14 months, when the infant comes to realize that he or she can get pretty much anything with a frothy gurgle and confused smile. This is generally after the crying phase, where the infant comes to the sad conclusion that wailing and bawl-

ing only gets you jerked around on a shoulder. As it grows older, a human starts to understand the sheer power of what it has learnt. Even at the tender age of three, young girls and boys have been known to

coax many a Popsicle from crooning adults, with just a smile and nod to whatever instructions are being thrown their way.

Then comes the school stage of a human's life, where he or she will quickly learn that if you nod and smile when the well meaning but oh-so-

annoying teacher tries to explain something to you, he will believe you understand his point and leave you alone to enjoy your ignorance in peace. This works all the way up to university, by which time students are masters of the art. You could speak in Klingon to a Waterloo

plumber and he or she will still apply ANS in such a skilful way that you'll stumble away amazed at your own teaching abilities. Of course, some of them actually understand Klingon, but that's a whole different story.

Guys will understand what I mean when I say that ANS is the best discovery since chocolate chip cookies back in the mid 200 BC's. If you are a guy and a female attempts to tell you "what she thinks", it is essential that you shift into ANS gear immediately. Plaster a serious smile on that kisser and nod slowly and deliberately, like you're giving the

advice a great deal of thought. Make sure to make eye contact so she doesn't even consider uttering the dreaded words "Are you listening to me?". It is a favorite touch of mine to throw in the odd "yeah" and "I agree" in there for effect. Do NOT however overdo this last part, as they tend to be sensitive to any form of sarcasm. It would not be pretty if you were caught. Don't worry if you can't do it the first time... practice makes perfect. It's all in the timing.

This is relevant for females of any age, type, relation, whatever - be it your mother, girlfriend, wife, sister, third cousin-twice removed. They all have "thoughts to share" and they all want you to follow them.... now, if not yesterday. But fear not. If executed correctly, I can guarantee you that ANS will work. If not... get back to that bathroom mirror and keep practicing. You didn't need her anyways.

Finally, all I can say is that it pays to be prepared. Don't wait till next work term to commence ANS... go out to the classes, lounges, restaurants, bars, whatever works and start your research now. Go up to a person you don't know from Adam and start nodding and smiling spontaneously. This is a good test to see if your smile brightness needs tuning. I've generally found that if they drop their books, wet their pants and run away screaming for their moms, it probably means you haven't quite hit the right note yet.

But then again, I probably shouldn't hang around the Arts buildings so much.

**"ANS, as it called by the chosen few, is easily one of the most powerful weapons in a relatively intelligent human's arsenal."**

**"Picture this. Your boss comes up to you and starts talking about the golf clubs he recently found on sale at the flea market."**

**"Guys will understand what I mean when I say that ANS is the best discovery since chocolate chip cookies..."**

## the Iron Inquisition

Jason Griese, 4A Computer

**"What is the worst thing that happened over the winter term?"**



"I got Mono."  
Alyssa Clarkson - 2A Applied Arts



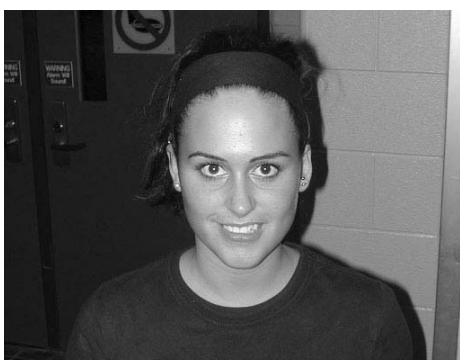
"Damn 20 hours to write a frickin final."  
Jesse Huebsch - Chem Grad



"Almost had my hand chopped off."  
Ken Su - Mech Grad



"Got food poisoning."  
Martha Lenio - 4A Mech



"Almost Failed."  
Rebecca Sauder - 1B Chem



"Winter."  
Ryan Consell - 3A Mech



"Columbia disaster."  
Sheldon Petrie - 2B Mech



"Wednesday at Mongolian."  
Robin Wilson & Illan Kramer - 4A Elec

## Arts and Entertainment

## The Heir of Ardun: Part 1 of 5

Mike Moffet  
Guest Writer

Ardun was a peaceful kingdom - a place of peace, harmony, and general goodwill ruled by a benevolent king. That was until Borgh came. Borgh was a man (or at least appeared to be) of good stature, robed all in black, whose glib tongue quickly won him an audience with the king. Hired as a mystic for the royal family, he quickly worked his way up until he was the personal adviser of King Ponmet. Ah, but he was as far from an adviser as possible! If anything, he was the puppet master, and the king his marionette. For the king was old, and weary of his duties, so looked upon anyone willing to help him with a favorable eye. Favorable was the last thing the people of Ardun considered this Borgh however, for under the king's name he raised taxes, and instituted a

requirement that all boys and men that had seen more than sixteen winters report as soldiers in the royal army. From boys who had just stolen their first kiss, to men who had kids of their own, it didn't matter.

Now Mostrick, the son of King Ponmet was nothing like his father. Quick of wit, and quicker to anger, he didn't take kindly to Borgh usurping his father's power. No, far from it. But because of the bond Borgh had created, he was afraid of speaking up. One night, while returning from an evening with one of the noble's daughters, Mostrick heard Borgh's voice coming down the hall. Hiding behind a decorative suit of armor, he waited for him to pass. As he drew closer, he began to make out snippets of con-

versation. As he processed this information, the blood fled from Mostrick's face. What he heard made up his mind once and for all.

The next day, Mostrick implored his father to think twice about his new advisor Borgh, for he was only after the throne. And the only response he got was a pat on the back and the words, "Nonsense my child, Borgh is nothing but a queer fellow with a good heart who has the kingdom's best intentions in mind."

Frustrated, Mostrick stormed out, leaving behind a string of curses and insults that abashed his father, but pleased Borgh to no end. That night, as Mostrick was preparing for bed there was a knock on his chamber door. Mostrick ignored the sound and continued his

chores. The knock repeated. Going to open the door, he suddenly felt a chill. "Curious..." he thought, "I thought my window was closed." Opening his door, he was aghast at what he saw.

The next day, Borgh himself mounted a search for the missing heir, while the king sat fretting that the disappearance was his fault. Borgh reassured him it wasn't, as his grin grew bigger and bigger. For the golden age of Ardun had passed, and in its place a tyranny had been built.

*Editor's Note: The Heir of Ardun is a 5-part short story written by Mike Moffet. The Iron Warrior will be publishing one of the 5 parts sequentially in each of our 5 issues. Be sure to check the next issue of the Iron Warrior for the continuation of the story.*

*"If anything, he was the puppet master, and the king his marionette."*

## Review: Jack Johnson - On &amp; On



Running Time - 43:55  
Total Tracks - 16  
Release Date - May 6, 2003

Once you pop this CD into your CD Player/Computer/Discman, you will instantly be transported to a world outside of your own. With smooth tunes and cool melodies, Jack Johnson has created a CD just in time for the summer. On & On contains good tunes that you just can't stop bobbing your head to. Be it while your driving in your car or just sitting out on the patio with a cold beverage in your hand.

Each track is no more than two to three minutes in length; just enough time for you to start enjoying the rhythm and make you salivate for something new. The only drawback that I can really see to this album is that it may find a permanent resting place in your CD

tray; thus, stopping you from listening to other great artists.

Starting from the beginning, Times Like These will get your feet tapping and make you just wonder what he'll come up with next. Currently in release is the second track from Mr. Johnson's second offering entitled The Horizon Has Been Defeated. This track will make you reminisce of times spent at the cottage and sitting out on the Patio.

The entire CD has been composed and recorded acoustically, so don't expect to hear any harsh electrics or any other type of distortion. Perfect for just sitting around and relaxing, On & On is definitely a quality CD that everyone should pick up.

I never had the chance to listen to his first album Brushfire Fairytales, but if it is anything like this album it'll definitely find a place in my CD spindle.

If you enjoyed listening to On & On or any other of Jack Johnson's work, you might want to consider listening to John Mayer's Room For Squares CD. Both of these CD's sound similar and both are pretty much sit-back-relax-and-let-the-good-times-roll kind of music.

## Review: Live - Birds of Pray



Running Time: 44:29  
Total Tracks: 13  
Release Date: May 20, 2003

Since hitting the scene in 1991, Live has made a name for itself in the music industry. Birds of Pray represents the bands' sixth offering. Although it sounds extremely similar to the tracks that came out with Throwing Copper, Birds has its own sound that must be appreciated in small doses. Large doses may cause severe neck damage as you will want to head bang and just "rock-out" as this album plays.

Starting the album is Heaven, the bands' first single. Heaven is a nice blend of lyrics and music. Be sure to listen carefully to the lyrics from this band since most of their songs were written for a specific purpose. Heaven will start off slow, pick up speed, and just when you think that you've hit maximum, they slow it down then crank it way up.

She, the album's second song, picks up where Heaven leaves off. At no point throughout the album does the music ever seriously slow down. Unless you've been a die hard Live fan since they hit the scene in 1991, Live's sound will at first entice you to continue listening and finally grab you and take you for a ride.

The slowest song occurs right at the end with the last track What Are We Fighting For? So where does this leave you at the end of the album? You will probably hit the loop button on your CD player and start it all over again.

*"Large doses may cause severe neck damage as you will want to head bang and just 'rock-out' as the album plays."*

Ryan Bayne  
Computer - Class of 2002

## Mutant Dog Fun Comic Art



# Poetry Analysis

Niki Czerniak

3N Geological



As one project for the paper this term, I have decided to analyze poems in each issue. Depending on the piece, it may be a contextual analysis or simply a study of the work's form and poetic elements. If there is a specific poem you would like me to look at (please no epics!) then feel free to email me at neczerni@engmail.

For this issue I have chosen to compare two of the most well known poems by my favorite author, William Blake: "The Tyger" and "The Lamb."

"The Lamb"

By William Blake

Little Lamb, who made thee?  
Dost thou know who made thee?  
Gave thee life, and bid thee feed,  
By the stream and o'er the mead;

Gave thee clothing of delight,  
Softest clothing, woolly, bright;  
Gave thee such a tender voice,  
Making all the vales rejoice?

Little Lamb, who made thee?  
Dost thou know who made thee?

Little Lamb, I'll tell thee,  
Little Lamb, I'll tell thee:  
He is called by thy name,  
For He calls Himself a Lamb  
He is meek, and He is mild;  
He became a little child.  
I a child, and thou a lamb,  
We are called by His name.

Little Lamb, God bless thee!  
Little Lamb, God bless thee!

Continued on page 12. See Poetry.



Robert Jordan's "The Wheel of Time"

Across:

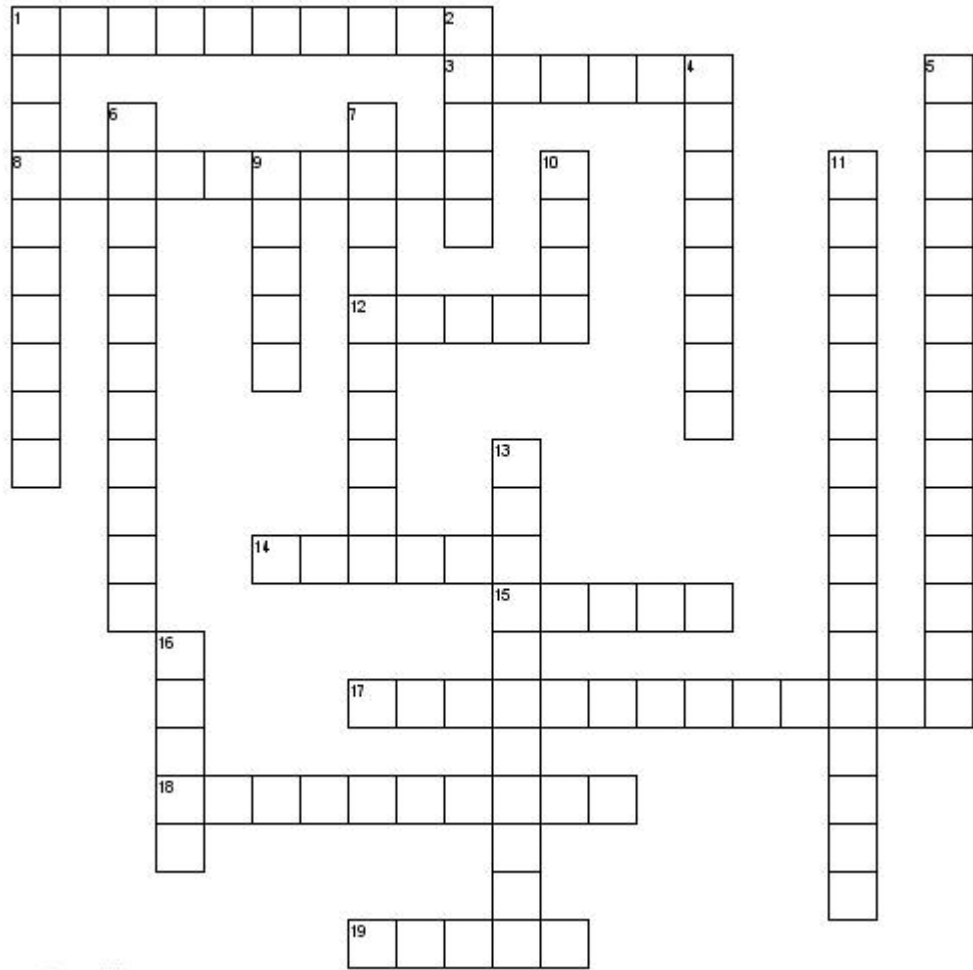
- 1A Lanfear's wolf name.
- 3A The kingdom that was invaded to start the Whitecloak War.
- 8A Another name for Cuindillar.
- 12A The battle Ajah.

- 14A Leader of the Dragonsworn; also know as the Prophet.
- 15A In one of Egwene's dreams, he walks towards her over broken glass leaving a trail of blood.
- 17A Mesaana's real name.
- 18A The "Tree of Life."
- 19A The great ocean to the west of the Westlands.

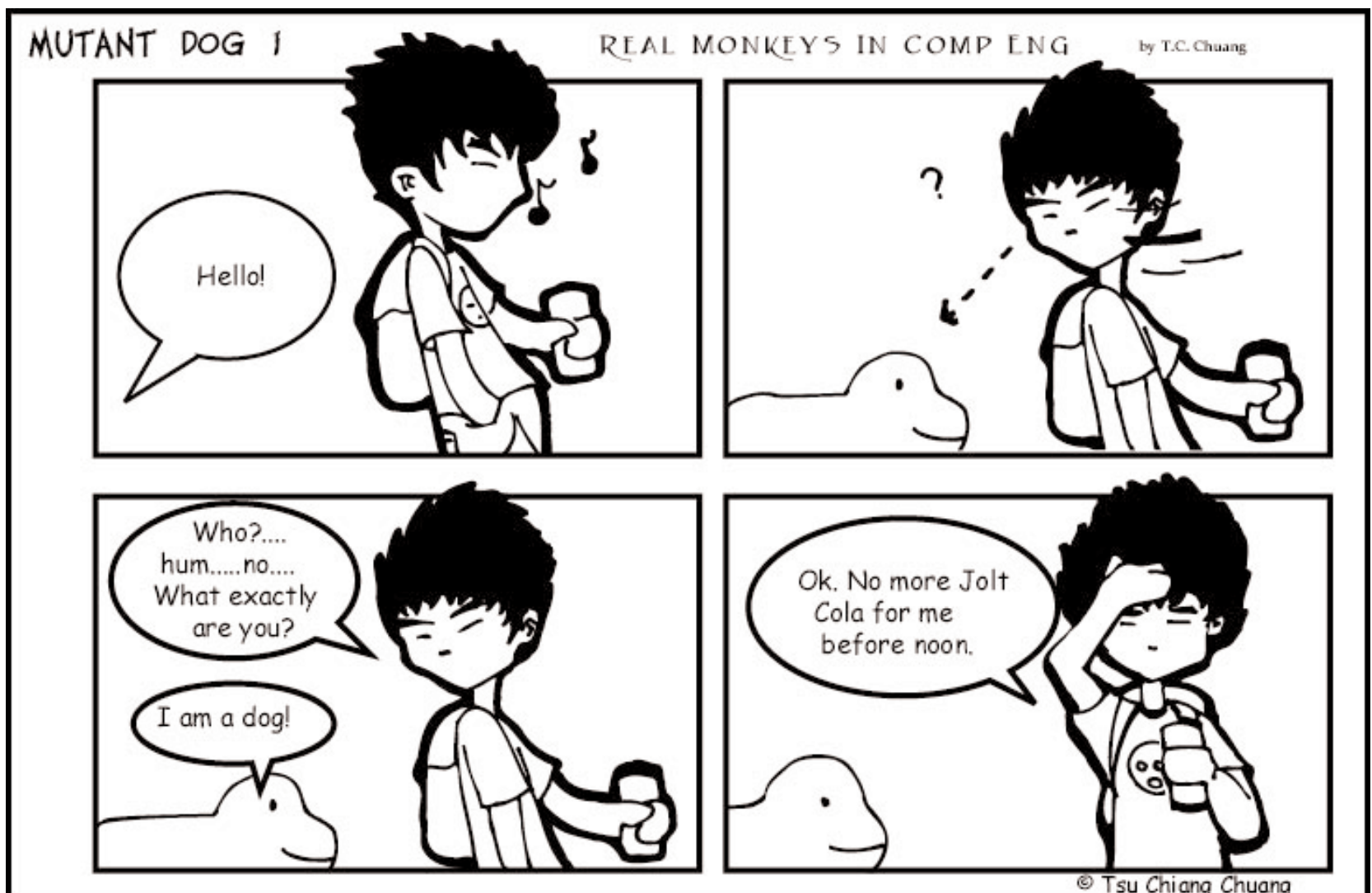
Down:

- 1D The Black Wind.
- 2D A large flying creature that is often used as a forward scout by the Seanchan.
- 4D "Servant to all" in the Old

- 5D Tongue.
- 6D The World of Dreams.
- 7D Those who follow the Dark One.
- 9D Young soldiers who follow Gawyn Trakand under his banner, the green boar.
- 10D A river ship owned by Bayle Domon.
- 11D Daughter of the Nine Moons.
- 13 D An Aes Sedai of the White Ajah and head of the Black Ajah.
- 16D The geographical feature that was created when Lews Therin killed himself.
- 17D A ter'angreal consisting of a necklace and one or more bracelets.



## Bi-Weekly Crossword



# CECS New Building Opening

Laura Mooney

VP Education



On Monday, May 5, 2003, the new co-op building was officially opened and named the William M. Tatham Centre for Co-operative Education & Career Services (Tatham Centre). Complete with university admin, student representatives, and local politicians and press, the grand opening was very well attended. A Rice Krispie square replica of the \$10.8 million structure was easily the highlight from a hungry student perspective. CECS is still looking for ideas to properly commemorate the contributions of students. If you have any suggestions, e-mail Liam McHugh-Russell at vped@feds.ca.



The new William M. Tatham Centre

**BIM PRESENTS:**

**LESSONS LEARNED FROM 1A & THE RESULTS (1B)**

**You DON'T HAVE TO GO OUT EVERY NIGHT**

**FEDS HALL** You WENT OUT 2 nights in a row?! You're insane!! Guess I shouldn't mention Monday or Tuesday!

**GO OUT EVERY OTHER NIGHT!** WEEF LAB Just cause you're GOING OUT EVERY other night, doesn't mean you have to Drink twice as much!

**Rez FOOD IS FATTENING** EAT! EAT! MMM...FAT UNIVERSITY STUDENTS! MUST BUY BIGGER STOVE!

**OOH! CURLY FRIES! DOUBLE HELPING PLEASE!** Does this belly top make me look fat? No! There's more of you to love! This caf needs new chairs ← two chairs each!

**IF YOU LIKE SOMEONE, GO FOR THEM!!** Ohmigod... He's hot!

**BUT, AFTER CHECKING OUT THEIR FRIENDS (YOU WANT TO MAKE SURE YOU GOT THE BEST ONE!)** BUT WAIT! LOOK AT HIS FRIENDS!!

**Disclaimer:** The thoughts and comments of this comic do not necessarily reflect the feelings of the artists, although certain events may have occurred, we are only making fun of ourselves.

## Poetry

...continued from Page 11.

"The Tyger"  
By William Blake

Tyger, tyger, burning bright  
In the forests of the night,  
What immortal hand or eye  
Could frame thy fearful symmetry?

In what distant deeps or skies  
Burnt the fire of thine eyes?  
On what wings dare he aspire?  
What the hand dare seize the fire?

And what shoulder and what art  
Could twist the sinews of thy heart?  
And, when thy heart began to beat,  
What dread hand and what dread feet?

What the hammer? What the chain?  
In what furnace was thy brain?  
What the anvil? What dread grasp  
Dare its deadly terrors clasp?

When the stars threw down their spears,  
And water'd heaven with their tears,  
Did He smile His work to see?  
Did He who made the lamb make thee?

Tyger, tyger, burning bright  
In the forests of the night,  
What immortal hand or eye  
Dare frame thy fearful symmetry?

William Blake (1757-1827) published a collection of poetry titled "Songs of Innocence and Songs of Experience" which is divided into two parts. "The Lamb" is from "Songs of Innocence" and "The Tyger" is from "Songs of Experience."

"The Lamb" is a poem which glorifies the creator of the lamb. It has the feel-

ing of a nursery rhyme through the use of repetition and a simple rhyme scheme. The use of soft, gentle phrases, such as "tender voice" and "little child," also adds to the feeling that this is an innocent poem to read to a young child. The description of the lamb as "tender," "meek" and "woolly" supports that nursery rhyme atmosphere.

The idea that the creator is kind and good is shown two ways in "The Lamb." A series of rhetorical questions followed by an immediate and simple answer: "He is meek, and He is mild." By using the symbol of the lamb to represent the creator. The lamb is perhaps the gentlest creature we can think of, and in Christianity Jesus Christ is often referred to as a lamb.

As in Blake's earlier poem, "The Tyger" makes use of rhetorical questioning. However, unlike in "The Lamb," no answer to the questions is provided to the reader. The series of questions leads to doubt forming in the reader's mind as to whether the creator is truly as good as once thought.

"In "The Tyger" William Blake asks the question "Did He who made the lamb make thee?" This suggests that readers are meant to compare the two poems.

"The Tyger" and "The Lamb" both speak of creation, but each from a different light. "The Lamb" takes a very innocent approach - the creator is kind and good, and there is no doubt about it. "The Tyger" takes a more experienced approach - asking more questions and not believing right away that the creator is good; after all, a creature such as the tiger was created.

Strong commonalities in both theme and stylistic elements like these two poems; not to mention the direct reference to "The Lamb" in "The Tyger." Blake intended these two poems to be juxtaposed, and they have been for centuries.

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