

Volume 103, Issue 3
Friday, February 16th, 2007


| mathNEWS |  |
| :--- | :--- |
| February 16 | Issue \#3 feels no love |
| February 26 | Production Night \#4 |
| 6:30PM, MathSoc (MC 3038) |  |
| All are welcome! |  |
| March 3 | Issue \#4 comes back with a tan |
| Math Faculty |  |
| February 19-23 | Reading Week |
| February 20 | Last day for 50\% tuition refund |
| February 27 | Drop, Penalty 1 period ends |
| April 3 | Lectures end |
| April 9 | Exams begin |
| April 21 | Exams end |
| MathSo |  |
| Thursdays | Movie Nights |
| MGC |  |
| Wednesday | Pizza, 3rd floor MC |
| 11:00-1:00 |  |
| March 16 Grad Ball <br> CECS  <br> March 2 First cycle rankings open <br> Student Awards \& Financial Aid  <br> February 16 W\&S OSAP applications due <br> April 13 Last day: Cont. of Interest-Free Status form <br> Misc  <br> March 17  <br> April 1 St. Patrick's Day <br> April 3 <br> April 6 April Fool's Day Daylight Savings Time begins <br> Good Friday  |  |

## Do You Know The Muffin Man?

Because he knocked up my sister
HWT

## mastHEAD

There comes a time every other Monday night where a bunch of talented writers and those other ones join forces to produce mathNEWS! Last Monday was no different, we came, we ate, and we gawked at awkward articles involving edible puppies that shall never see the light of day again. The fruits of our labour is this issue. We hope that you enjoy it, but if you don't, then there is something obviously wrong with you. This week, we asked our staff "What weren't you doing on Valentine's Day", and then they gave us responses. We published them.
Eric "Ian's mom"; The Insider "The Single Guy (thank god)"; James Simpson "Margaret Thatcher $[:-)]$ "; Snippet "The Muffin Man"; HWT "Guys"; Jenn "Voting in the Feds' election. Vote early, vote often"; Peter "Studying for chemistry! Or massacring people"; csEYE "mathNEWS"; Matt "Write my midterm"; Math.random() "Things outside my bedroom"; $\pi$ "Ian's mom"; 42 "Wearing pants"; DanS "Anything productive (stupid WoW)".
Our very heart-like thanks go out to Graphics for publishing, midgets for amusing me and other people whose names shall go unheard.

Angelo "Passing that midterm I wrote" statsEd "Go outside the MC"

## VPA Says

## No longer the VAP

Another exciting week of meetings has passed.
During the co-op student council meeting there were disc sions on what students perceive the job of CECS to be. I wo: like to go back to the next meeting with insights into what $m:$ students believe their mission to be. Please e-mail me, or co by my office to share you viewpoint and provide feedback this issue.
Do you have an instructor this term that you feel is doin great job? Have they put in that little extra effort that takes th from a good prof to an excellent prof in need of recognitic Well, Instructor of the Year nominations are now open! Come the MathSoc office, MC 3038, and fill out a form to nomin your prof today.
Just a reminder that if you are writing math midterms, should be using one of the two designated pink tie calculato Come by the MathSoc office to get a pick tie sticker from me one of the other exec.
Again, if you have any academic concerns you can e-mail mt vpa@mathsoc.uwaterloo.ca.
Good luck on midterms, and have a safe and fun Reading We
Heather Pe
VPA 1

# Midnight Capture the Flag 

February 25, 11:59 PM, in Comfy

Midnight Capture The Flag! Meet in Comfy! 11:59 PM! Su day, Sunday, Sunday! Where Sunday is not this coming St day but the one after! Being numbered the $25^{\text {th }}$ ! The $26^{\text {th }}$ th shalt not come, nor shalt though come on the $24^{\text {th }}$ unless remain there continuously for at least twenty-four hours tot $25^{\text {th }}$. The $27^{\text {th }}$ is right out. In any case, I have it on good auth ity that this particular MCTF will be superfantastic. superfantastic that we've been having more MCTFs this te: than usual! And they cure cancer! Provided that not havingfin is a kind of cancer. It's not lupus. It's never lupus. So yea Come!

## ISSN 0705-0410

mathNEWS is normally a fortnightly publication funded by and responsib the undergraduate math students of the University of Waterloo, as re: sented by the Mathematics Society of the University of Waterloo, herees referred to as MathSoc. mathNEWS is editorially independent of MathS Content is the responsibility of the mathNEWS editors; however, any of ions expressed herein are those of the authors and not necessarily thos MathSoc or mathNEWS. Current and back issues of mathNEWS are avails electronically via the World Wide Web at http: www.mathnews.uwaterloo.ca/. Send your correspondence mathNEWS, MC3046, University of Waterloo, 200 University Ave. W., We loo, Ontario, Canada, N2L 3G1, or to use mathnewsestudent math. uwaterloo. ca on the Internet. This work is licensed under the Creative Commons Attributi NonCommercial-NoDerivs License. To view a copy of this license, visit htt: /creativecommons.org/licenses/by-nc-nd/2.0/ca/ or senl letter to Creative Commons, 559 Nathan Abbott Way, Stanford, Califor 94305, USA. Terms may be renegotiated by contacting the editor(s). The editor(s): Emerald Kushnier

## Prez Sez

Less than usual

It's like Snuggles Sez, but Snuggles has more beard and less hair than usual. It's been pretty quiet in President Land over the last week or so, but we've got a couple of things coming up that will probably be of interest to you anyway.
As usual, Movie Nights continue on Thursdays in the Comfy. They're totally FREE, so come out out to see things that haven't been released onto DVD yet. There was always posters about, so keep your eyes peeled.
Ontario's Information and Privacy Commissioner, Dr. Anne Cavoukian, is coming to campus on February $27^{\text {th }}$ to give a talk entitled "Privacy by Design - A Crucial Design Principle". If you are interested in attending, please preregister on the MathSoc webpage, http://www.mathsoc. uwaterloo.ca. This event is being co-sponsored by Math and Engineering. Also, if you go, there will be pizza AND door prizes!
If you've tried to go to MathSoc today, you've probably noticed that it's, um, closed. That's because we're being renovated! This represents the culmination of a project I've been personally working on for over a year, and I hope you'll like the results as much as I do. Look for the office to reopen once Reading Week is over.
Speaking of Reading Week, remember that there are NO classes, assignments, or exams next week! Have a good time off! I certainly intend to. I'll natter at clueless frosh from my rocking chair, telling them about the bad old days when the Reading Period was only two days long, until an orderly comes along to tell me it's time for my pills and bed. Whippersnappers! Get off my lawn!

Eric Logan MathSoc President W07

## VPAS Says

## You and I are mortal but rock and roll will never die

The sweet smell of romance was in the air this week around the MC. Unfortunately, by the time you read this, the love will be gone and he or she won't be calling you the next day. Lucky for you, MathSoc is here to pick you up on the rebound.
Our Thursday movie night will be cancelled on the $22^{\text {nd }}$ thanks to our brand spankin' new Reading Week. If you really miss it, grab a DVD and you can play MathSoc Movie Night: The Home Game! We'll be back in Comfy the following week. Don't forget that movie nights are FREE, so grab a friend and come out on Thursday nights.
The engineering scavenger hunt, EngScunt, is coming up in early March. It will start on the 9th and run for 24 hours. The math team tends to do well, and EngScunt is always a good time. If you're in town that weekend, consider taking part. I'll have more information in the next issue of mathNEWS.
If you enjoy planning semi-formals and want to gain some business negotiation experience, MathSoc needs help planning our Charity Ball taking place in the fall. If you're interested in the job, email me at vpas@mathsoc. uwaterloo. ca for more information.
Stay tuned to mathNEWS for more information on what's happening. As always, if you have any ideas for events you'd like to see, feel free to email me, or better yet, stop by the MathSoc office. Until next time, keep fit and have fun. Body break!

Gee " $9.8 \mathrm{~m} / \mathrm{s}^{2 \text { " }}$ Ramsahai VPAS W07

## VPF Says

Reading week is coming! It's like there's a party in my mouth and everyone's invited! Except you. You suck.

Angelo

## projects.uw. 3

As usual, here's a desperate plea to submit what you've been working on (dave@euri.ca). I have a job, I have a WoW character, I just don't have the time to hunt you down.
I mentioned Adam's Starcraft maps in the last column, those are available at http://gt.horizonhouse.ca/pages/u-ofw.php

Take a look at Tony's CompSci. ca, a programmer forum. Especially cool is Adam's Forces (http: //compsci.ca/blog/ forces) which was written in Turing (source code's available).

## Me-too projects

I don't own a printer (I rent a room the size of a large fridge), so I print on the self-serve printers - and I was ecstatic to see that you can now print over the wireless network. Except it only worked once then stopped, so I went to the MFCF, to be told it's unsupported. Now I understand why companies pay for support, because no help desk should ever ask, "Why don't you just ssh in, ftp it in postscript and pipe it to the printer"- even if I know how to do that.
So I wrote my own PHP program that sits on student.math
and pipes the temporary upload file to a conversion program (either GhostScript, ImageMajick or Anitword) and then to the printer. Now I (and only I) can print from home (I couldn't figure out how to su in a php script - if you know: tell me). I queue things up from home and pick them up in the morning.
Similarly, I installed the latest Winamp recently, and I was excited to see that it could auto-load my portable MP3 player. In 2005, I made my own script to randomly load up my portable player and, since it only has two known users, it's not something I want to maintain.
Eagerly, I let Winamp autoload my 1 gig player, and it destroyed the directory structure (deleting photos, but not movies), transferred some configuration files - and then crashed. So it looks like if I want to put 99 MP3s in the MP3 directory, without deleting anything outside that directory (and ideally rename song.mp3 to \{rand $(100,999)\}$ _song.mp3 because my MP3 player's random doesn't work), I have to do it myself.
So it looks like I'm going to keep with my own scripts, because it's just too hard to use other people's software.

David H.

## MGC Sez

## If you haven't done so already ...

Drop by the third floor outside the comfy and pick up a grad ball ticket! That's right! Today is the last absolute last day you can pick up a grad ball ticket. There isn't a lot of space left, so head on over to our booth and get a ticket! Celebrate your last term (or two) with everyone else who has gone through the same ordeal as you! Tickets are $\$ 60$ for single and $\$ 110$ for doubles.
Also, today is your last day to pick up a yearbook at a discounted price. That's right! If you buy a yearbook now, it will only cost you $\$ 40$ dollars (add 5 dollars if you want to have it personalized)! Starting next week, prices will go up and you will not be allowed to personalize it either! So what are you waiting for? Pick up a yearbook while you're getting your grad ball tickets! It's win-win for you!
Have you written a blurb yet? Remember, writing something will put you on a page with 5 other people. Not to mention, you'll get a bigger picture compared to people who do not plan to write anything at all. They share their page with up to 15 other people. Wouldn't you rather have a bigger picture? Of course you do. Submit your grad quotes at http:// www.student.math.uwaterloo.ca/ $\sim \mathrm{mgc} /$ There's a link on the left titled "Grad Quotes" and you to write up to 200 words!
Don't think that your $1 / 6$ of a page is good enough? Would you like some more room to call your own? Wish you could split a page with a friend to share all the awesome memories you had over the last five years? Well, we're offering a special deal for you! For a low price of 75 dollars, you can purchase a quarter of a page. If you want more, we also sell half pages at 100 dollars and full pages at 150 . Get together with a group of friends and buy an entire page! It'd be worth it.
If you have any photos over the last five years of mathies having fun, or just you on vacation with family and/or friends, submit them to mgcbook07@gmail.com. We're looking for any photos you might want to see in the yearbook. It could be a party you

## My Valentine's Diatribe

## Even the taken can hate it

I'm female. I know what you're thinking, I probably demanded a dozen red roses and a box of chocolates for Valentine's Day and spent the whole day fused at the the hand with my boyfriend in a state of being utterly and hopelessly loved up. Actually, no. I perpetually roll my eyes at such silliness. Previous to this year I have always been single on Valentine's Day and have developed a don't-care attitude towards this particular day of little importance. I see no reason to change it now that I happen to be committed to a member of the male gender on this instance of Valentine's Day. I also see no reason to publically display my affection for this member of the male gender in any more detail than I usually do. One girl draped all over her boyfriend, looking like some starfish sucking the insides out of some shell-covered creature is one more than most people want to see. Therefore, I will not annoy the masses by adding to the atrocity. Even the CSC is more classy than that. Yes, I just referred to the CSC as being more classy than something else.

That girl over there.
went to, or just friends passed out in class. We don't care! send them in and we'll use them! That address agai mgcbook07@gmail.com. (Please send something in, or oury book editor will cry. You don't want the yearbook editor to
Do you like awards? Like being recognized for all the coolth no you have done during your university career? Employers. seeing awards and recognitions you've received. So why D nominate yourself or a friend for the Alan George Award of Valedictorian? Nothing sounds better than being the best of class than being the Valedictorian. Fill out a nomination available at http://www.student.math. uwaterloo.ca/ ~mgc. D line for the Alan George Award is the Monday after Rea Week (Feb 26, 2007) at 4:30 and March 16, 2007 for Valedictorian Award at 4:30. Drop off any forms in the mailbox in the Soc office or come by the MGC office at MC3 and we'll take your applications.
No one can turn down free money, right? Exactly. Ched http://safa.uwaterloo.ca/currentawards.htm to see all the money you can potentially earn! Specifically the MGC Ar which is for students who will be going into fourth year c September. You know, an extra couple hundred dollars comes in handy for textbooks, (booze), course notes, (bo random supplies, and of course - having a good time all t Check out the site and apply! You can't lose!
Intent to graduate forms!!! Fill them out! If you actually to leave this place anytime soon, you better fill out the form The deadline for intent to graduate forms for the June conv tion is March 1, 2007 and August 1 for the October convoca
Have a great Reading Week! I hope to see all of you at conv tion in June! Run for Valedictorian, you deserve the recognit

Ivan Chin, Rodney MGC Co-chairs,

## How About that Local Sports Team?

Well, they had a tough game against Those Other Guys, w they squeaked through after 4 tough time periods.
Hoos Dat scored the winning point(s) with 28 seconds le the clock.
"We gave a hundred and ten percent in the last time per making up for that horrible first period, where we only ninety. You can't win a game without one hundred percen fort! Averaged, that is."
Those Other Guys' Coach, Wats Hizna'm, declined to ment on his not very crushing defeat because of a lack of re nition in their wins against Them Cocky Bastards in last w series.
This is the $3^{\text {rd }}$ game that That Local Sports team has won, Most of the time That Other Local Sports' winning causes II confusion to the fans of the beloved franchise.
The last time That Local Sports Team won was against Bleu-Shirts back when That D'ude was the lead player. Gra the Bleu-Shirts forfeited but the players gave it their all!
That's been this week in competitive physical activity.
Reputable Numeral signir

# Dating Advice From The Single Guy 

the most real issue this term

Has it been two weeks already? It seems like it's only been one week since the last issue, but since mathNEWS is fortnightly well, it must have been two. Anyway, I'm doing something different this week with the formatting, but I doubt you're going to notice. Anyway, on to the letters.

## Dear The Single Guy

Last week I got dumped. It sucks. Everyone kept telling me that I deserved better but I wouldn't listen. I thought, "I'm a mathie. If I have someone I better hold onto them, because who knows if I D will get another chance at love." He broke it off and now I'm lost. I tried following your advice from last term about breakups, but or his roommate wouldn't have anything to do with me since I woke him up so many times, I don't have any pictures of my ex beCa cause he believes that they steal your soul and your final bit of advice, "don't be dumb" isn't something that I can do because of di my general blondness. Please help since I even cooked for this guy and missed the chance to give him food poisoning

## Carrie

Well Carrie, thanks for listening to my plea to stop all those silly $\qquad$ in Waterloo signatures, it was just getting silly, and this is hardly the place to be silly. Relationships are on the line here. You say your ex is a he and your name (even if it is fake) isn't quite a guys name either, butthe fact that you're in math shouldn't ever stop you from ending things with someone who's not good for you. Odds are pretty good that all you need to do is go to class to have plenty of guys hitting on you. If not, maybe your shirts aren't low-cut enough.
It sounds like you're (rightfully) looking for some revenge, but need some options other than what I had before. The problem with this is that it's hard to come up with good ones without knowing some good details on the person you're trying to get. For example, in your case if this guy really doesn't like getting his picture taken (enough to think that they steal your soul), then maybe you should get yourself a camera and follow him around taking pictures. Alienating his roommate is really unfortunate because it would have opened up many so many other possibilities, like getting into his place when he's not around and mess-
ing with his stuff. Trying to hook up with someone close to him to make him jealous could still be a good idea even if the roommate isn't available to you. Does he have any brothers who would be interested? What you really need is some creativity; I can offer suggestions here, but you need to take them and adapt them to your own situation.
As for your blondness, try simply colouring your hair, then you won't be blonde anymore, which solves several of your dumb problems.
My next letter you may have seen in the last issue of mathNEWS; it was forwarded to me by The Insider.

I am on the prowl for a date on this campus. I have been unsuccessful in many endeavours, and I desire a person with whom I am compatible. Can you assist me in my search?
Single in the Loo
In his response to this letter, The Insider talks about how much he seems to like this letter writer and how they're both single. In Issue 1, The Insider also says that he's not opposed to making up the letters he prints. All in all, methinks that Mr. Insider is a lonely, lonely writer, who's not only too proud to directly ask me, but also too dumb to submit a letter to me anonymously.
Anyway, perhaps your problem is that you want a date on this campus. I have to say the Comfy isn't really the most romantic place, and although there are more romantic places on campus, none of them are romantic enough to really get anyone to want to spend time with you. Open up the option for having dates off campus, and the number of people willing to go up with you will go up substantially. Odds are pretty good that you're not going to find a girl in the MC, and if you do, odds are pretty good that she's not single (although, perhaps I could introduce you to someone I know who goes by the name Carrie).
Look elsewhere and take arts courses, but really, I would suggest that you give up your search; that way, you will stop failing. Plus, if you're really looking for a girl you're compatible with, then odds are pretty good you'll find her without looking. Don't listen to that if all you're looking for is a quick bang; for that, go to the Bomber and look for the drunkest girl you can find.

The Single Guy

## Irrational Dislikes

## Poorly Defended

You know what's annoying? People that laugh with an even number of ha's. What the hell is that? That's unnatural, it is. Forced. Insincere. People grow up listening to music predominantly based on double meters with emphasis on the downbeat. That means measures have an even number of beats and phrases aim for the first beat of the next measure. Which means we naturally want to use a rhythm of an even number of beats plus one, with alternating strong-weak emphasis. This gives us an odd number of laughs, provided you even laugh with distinctly separate "HA!"s at all.
In order to get an even number of laughs, we would either have to use a triple meter (as in "HA-ha-ha-HA!"), add an unstressed
pick-up beat ("ha-HA-ha-HA!"), unstress the end beat ("HA-ha-HA-ha!"), or stress beats weirdly and randomly like a tool ("HA-ha-HA-HA!"). Actors have been shot for passing chortles better than these as laughs. Probably. Lots of actors get shot, right?
The best remedy is to develop a laugh where the individual syllables blend together, resulting in some non-integer number of laughs, at which point it is impossible for you to have made an even number of laughs. Also, you know, it's natural.
Those of you who know me in real life will surely spend a better part of the next 48 hours walking up to me and laughing obnoxiously. I feel it prudent to remind you that you either have unprotected testicles, pets, or hair.

## profQUOTES

I could have used 'O' for occurrence but every time I said "Oh Lambda" I felt silly.

Cutler, STAT 333
[Talking about imitation] It's this automatic thing with kids... until they realize it's annoying and do it on purpose.

Fitzsimons, PSYCH 354
[In a full classroom] You can sit on somebody's lap. Yeah, just walk across the table here.

Freeland, ACTSC 231
Prof: I was considering holding a contest to see who has the best cell phone ring. What do you think the prize should be?
Student: An F in the course.
Freeland, ACTSC 231
In fact, I don't want to judge anyone who might have done this before, but if I ever catch you dividing vectors, I will publically execute you.

Furino, CO 350
We have much better alcohol than the high schools do.
Grove, CHE 102
Prof: If you are suffering from methanol poisoning, you need to get really, really drunk.
Student: Yes! An excuse!
Prof: I wouldn't use that as an excuse!
Grove, CHE 102
Do you guys read anything? Do you think at all? No, you don't. Krivodonova, MATH 138
The brain of an average 3 -year-old is twice as active as the brain of an average undergrad. It's true.

Krivodonova, MATH 138
[In response to an ambiguous student question] You mean plane, as in, airplane? [waves arms like wings]

Krivodonova, MATH 237
This is ridiculous. Even a German logician wouldn't do it this way.

Malton, CS 245
This is probably the most useless class.
Malton, CS 245
Yes, I made a boo-boo. Where's the boo-boo?
Malton, CS 245
Sstudent] Will we have to know this for the midterm? [Prof] No, you won't.
[As student leaves for washroom] That doesn't mean you can leave!

Malton, CS 245
Has your prof said something quotable? Type it up and send it to mathnews@student.math. uwaterloo. ca, or write it down and drop it in the BLACK BOX (located on the MC $3^{\text {rd }}$ floor, between the Comfy and the C\&D).

Let's make a mistake!
Malton, CS
Nobody in their right mind would do that. Maybe I'm not in right mind.

Malton, CS
Let's assume that someone doesn't love the King. We don't k who it is. That's for the Secret Services to decide.

Malton, CS
You can bring a calculator [to the midterm], but I think if clea your disadvantage, because the probability of hitting the wo Not button is higher than making a mistake in adding two num to w less than 10.

Maslou, MATH
So if you were rendering for pigeons, you might need a 7 -din th sional colour space.

McCool, CS Where does this constant come from? You make it up.

McCool, CS
You, yourself, are a topological space. Everything you see topological space. There is no escape.

Ng, PMATH
John Stewart Mill was a very brilliant man but he had a hair and he was very ugly. For this reason, sadly, he was never successful as a professor. It's a good thing UW doesn't work that. If it did, there would be no one teaching in the math fac Nutbrown, PSCI
This is the clitoris. If you haven't discovered it, then I stro: suggest you do.

Pfaff, SMF
[About a speculum] It looks like a big platypus... open.
Pfaff, SMF
Wearing black and writing on a chalkboard don't mix. That wo probably explain why goths tend not to be professors.

Ragde, CS
I have two tails. [pause] No, this critical value has two tails.
Song, STAT
Just to be thoroughly obnoxious, I'm going to use a squiggly $G$ letter.

Spronk, PMATH I took a look at his paper but it was very model-theoretic made me sick to my stomach.

Spronk, PMATH

## PINK TIE PLEDGE IT"S COMING!

By contributing, you will help support the areas in math you most interested in.

## More profQUOTES

So round and round and round we go. Except that this is actually a square.

Vaughan, ECON 102
Enough of the real world - let's go back to our mathematical world where we analyze things in painful generality.

West, AMATH 250
So, if you are building a swimming pool using a radioactive blast, you may want to think twice about how much more nuif clear material you would need to buy to double the diameter. w: Not that you would want to swim in nuclear waste. You'd have mi: to wait awhile.

West, AMATH 250
So we multiply by $x$. You might be wondering why we do this, in the reason is the multiply by $x$ rule.

West, AMATH 250
${ }^{S}$ [Talking about variance] If there's a fat guy, and I move him over here, he's still a fat guy. I didn't change his fatness.

Zhu, STAT 230

## Now with NaN\% More Staples

## Than the 4th floor of MC

If you wandered around the fourth floor of MC during the first k few weeks of the term, you probably noticed the signs all over al the place advertising the complete lack of staples available for il student use. Thanks, admin types. It's good to know you're tightening the screws on expenses. Heavens know we already pay or the nose for such fantastic services as the all-seasonal AC in Comfy.
Hold onto this mathNEWS tightly, dear reader, for it contains more free staples than the entire 4th floor of MC combined. Don't bother to thank us; consider it a gift from us to you. It's no hassle at all, really. You know why? Because staples are really vo freaking cheap. Five bucks for 25,000 staples, says the Internet. I've got a $\$ 20$ in my pocket. Can I just cover the faculty right now?
Yes, staplers are expensive to lose. But the vast majority of them, before the great staple drought of two-aught-just-now, were secure. With chains and locked boxes screwed to the wall. Hell, MathSoc doesn't lose their staplers and they're just hanging out in the open breeze. I applaud MathSoc for continuing to provide this vital service. But the fact is, assignments are due at all times of day, and MathSoc isn't always open in the wee hours of the morning.

Times are hard, I guess is the party line. Maybe if we were having a prosperous year, such as an anniversary celebration of 50 prosperous years with free shiny pins and Elvis impersonators, each worth at least seven or eight staples, then we could expect a bell and whistle or two. But sometimes, cuts just have to be made, and we just have to do our best to keep things together.

I mean, with paper clips, or glue, or something.

## Insulting Our Intelligence Much?

## FedS Elections same as always

It has come to mathNEWS's attention that this term's FedS candidates are especially insulting. Not only do they assume that the average student is a general arts major with a minor in psych, but they also try to fit in with everyone. The presidential candidates are the worst, since they feel that they need to personally relate to every student.
Take, for example, incumbent Michelle Zakrison. As an ES student, she doesn't have much in common with any of the other programs. However, she invents things to share, such as her wearing of a Math Pink Tie(tm), normally only awarded to mathies who have braved Orientation week to earn it. And her gimmicks won't earn her many points with an intelligent constituency. The "eX factor," for eXperience (apparently), only makes us wish she was our eX-President.
On the other hand, Engineering student Adam Schubert talks about building lines of communication without addressing the fact that FedS is continually ineffectual at getting smart things done due to their bureaucracy. One point he does make with which we can all agree is that FedS is a "'practicing ground' for aspiring politicians." But perhaps he is too proud to see that he is no different from the others.
Kevin Royal just so happens to be one of those aspiring politicians, as a political science major. He realizes the need for short, concise sentences and small words, since he knows artsies well. But while he recognizes that there is too much bureaucracy and red tape involved in the clubs, he doesn't see how having regular meetings with all the clubs will only waste more of his and their time while feeding the bureaucratic machine.
While we all know that the elections are over when this is printed, I felt I had to put my two cents in on the election process and its prototypical candidates. Hopefully next year someone will come up with a unique election platform, but considering the fact that Canada's federal elections are no different, I'm not holding my breath.

Jenn the Dirty Mathie Conscientious Objector

## Valentine's Babies

Okay, so Valentine's Day is over and we all know what you breeding-types out there did. Now you have to pay the consequences with a wonderfully accidental bundle of love. Now, I'm not going to point the finger at anyone from Laurier or Arts, but we know it's you.
There's nothing sadder than watching a friend have to leave school to support their child. Unless you're me or really insensitive, in which case, replace 'sadder' with 'funnier'. Children are a big responsibility and investment. They will bring you joy or some semblance of it when they spend all of your money and crash your car. They will pick your retirement home, so be kind to them. They will likely also be whiny. Be sure to remember: a backhand is discipline and an open hand is abuse.
So, for those of you who didn't conceive children on Valentine's Day: you now have reasons not to next Valentine's Day.

Angelo

## mathHELP

## A mathie advice column

Dear Insider: My co-op experience has not been going too well this term. The few interviews that I actually manage to get have ended up in disaster. I really need a job for the summer. What can I do to improve my chances? - Lost in Job Search
Dear Lost: I'm tempted not to help you, because I really need a job myself. However, I'm a nice person, so I'll give you some help at my expense. Career Services provides many workshops with respect to job search skills (including interview skills). Go to their website and sign up for one. As in, now.

The Insider
Dear Insider: My midterm's tomorrow, and I feel very unsure about the concepts that will be covered. Reading the textbook doesn't help, and neither do my notes. Who can help me prepare? - Midterm Mania
Dear Mania: You do realise that if you were to send me this last week, you might have gotten better results. As for your query, have you tried consulting with professors, TAs, and classmates? You will find that their assistance can be vital to your success (and who knows, they, too, might learn something). As well, it is recommended that you spend about 10 hours of studying per midterm over a week-long period, so next time, start your studying earlier.

The Insider
Dear Insider: I would like to add to your response to the letter from Totally Screwed (Issue 1), who nearly flunked last term and is following the same habits. I was in a similar situation, where I wasn't attending classes and was procrastinating on assignments. However, I would like to pass on some suggestions that I received from Counselling Services:
From what I can see, this person is probably missing class due to a lack of sleep. They should set a time each night to get some sleep so that they will get the sleep that they need every night. As well, they should start developing their time-management skills when it comes to getting assignments done. Not only will the skills be helpful in a work environment, the assignments themselves are good study tools with respect to the exams. - Out of the Hole
Dear Hole: Counselling Services is always a great place to go for help, as shown by your experiences. Thank you for sharing them with us, and hopefully this will help others in such a situation. One more thing: stop stealing my job.

The Insider
mathNEWS_Insider@hotmail.com

## Bug of the Fortnight

Today's bug of the fortnight features a simple Hello World program in Modula-3, and some pretty bad code :-) :

MODULE Main;
BEGIN
IO. Put("Hello World! \n");
END Main.
Can you identify the bug(s) and syntax errors in the code? For next bug of the fortnight: Haskell

James Simpson

## Vote for Captain Planet

This Feds election, don't vote for any of the candidates just because Feds has enough inertia to stop Superman at head-on collision, but because of all the wonderful things Captain Planet can do for you!
Captain Planet: he's a hero. He'll take pollution down to whatever that means. Anyway, who wants the same old bo Feds candidate when you could have a crazy superhero witt power of earth, fire, wind, water and heart? Furthermore already know that Feds doesn't actually do anything. Th would be so much better if in the middle of a Feds meeting tain Planet jumped out and brought their "pollution dow zero" using as much violence as humanly possible.
Vote for violence this Feds election! Or just cause some of own.
Granted, the elections are now over. You should have n for Captain Planet, I mean, how many of the other candio have their own theme songs?

## Happy People

## They're out to get you

Nobody argues with happy people. It's just not done. Us you are in a particularly foul mood, at which point the only cure is to spread it around. No one in their right mind woul out of their way to argue with someone with a big grin on face, the kind of grin that indicates that the lights are on nobody's at home. Following that logic, I could say that that ple don't argue with stupid people, but that'd be a stretch. pid people tend to start arguments, so there goes that idea
Nobody argues with happy people. Because of the vacant you may be lulled into thinking that the mind of these cor souls is void as well. But maybe, that's what they want yo think. Maybe, just maybe, it's all planned so they don't net waste their time with a pointless argument. Then they'd be s! But that's not right, they have a stupid grin. Only idiots. stupid grins. But can you be sure?

Paranoid Nur

## Memories of Valentines Day

These are the things that were said to me last Valentine's.

- It's not you, it's me: I have standards.
- To show our love I got you a restraining order.
- Let's be friends. The kind that never talk to each other ro
- I think I need to see other people. Well, people other you.
- I bought you this flower to represent our love. It's goir die in a couple of days.
- Roses are red, violets are blue, come any closer and I'll hitting you!
- Sure, I'll go out with you. Let me just go home and to ten-year shower.
- Die in a fire.


## Close to Infinity

Great, we get to do a group project. I hate working with groups, and shall take out my bitterness on the rest of you. It's entirely logical for me to judge you based on my past experiences with other people.


I'm going to take control of this project! When I say that I don't mean that I'm going to delegate jobs in a reasonable manner or actually complete any of the work, I'm just going to trash talk all of you.


The best thing you can do for this project is to stay out of my way. I will keep the work stashed away so I can forget about it. This will lower your marks all while I will be acting condescending to you.

Girls are stupid: throw rocks at them. There, now this popular slogan is a hate crime. It's funny how big of a difference that one word can make.

Angelo

## Food For Thought



## Attention Imprint

In response to your campus question
Why bother asking all those females what the most successful pick-up lines are? In UW, the girls don't need pick-up lines. They need blindfolds and no standards.

## Valentine's Day's Overrated

## Thanks, Single Guy

My Valentine's Day was spent as any other day. Alone. In my room. With nothing but homework to comfort me.
Thanks, Single Guy, for your "tips" that only had girls laugh at my face!

The Insider



Please pardon me when I suddenly get bitter and start complaining about all of the work I will be doing for this assignment. It's all your fault. Not mine. Yours!
ne

## Waterloo University a Segregated Family

University is supposed to depict an area of maturity, culture and respect. Why is it, then, that there seems to be more social separation at UW then most high schools? From day one at Waterloo, this sense of groupings seems to be instilled during orientation week by having faculty vs. faculty competitions. There is not one faculty that is to blame; in fact it seems to be that every faculty needs to boast that their program is "the best" while all others are easier and worse. Different faculties represent different strengths in a given field, and to throw remarks such as "Artsies are dumb" are unneeded (especially knowing that I most likely could not survive in an arts program).
Instead of this competition between faculty/program, the students of Waterloo should start to use the fact that the University offers many programs to their advantage.
Need help for an essay? Ask a friend who's majoring in English. Need some science help? Ask a friend in science.
People should remember that we are all part of the UW, and that such remarks just make reflect poorly on the university itself.


## MySpace Sues Parents

The ultimate solution to online predators

In response to the numerous lawsuits from irrate parents who were shocked to find that there are actually people who will lie about their identity on their online networking site, MySpace has decided to take action.
The truly disturbing fact isn't that a 50 -year-old man can convincingly pretend to be a 14 -year-old girl on MySpace but rather that the really 14 -yea-old girls will happily disclose personal information such as their address to someone they've only ever seen online. Since it is painfully obvious that MySpace can never conclusively verify the ages of their members (after all, most people are capable of lying on a web signup form), and having identified the root of the problem, MySpace realised that it was, in fact, the fault of the parents for not properly educating their children about very basic online safety. To this end, MySpace has
launched a series of lawsuits against the parents of all chil who have disclosed an accurate address publicly on their alleging criminal negligence.
The judges have so far been quite sympathetic towards MySf on this issue, having gotten tired of whiny parents who are only willing to admit that they've failed to teach their chil that it is possible that the person they've only ever met on may, in fact, not have been completely honest with them, bu some reason they feel that they deserve monetary compenst for the pain and suffering caused by their own failures. MySf: admits that the lawsuits are perhaps a little drastic, but they they they should do everything within their power to pro their customers from further attacks.

## Horrorscopes

## mathEYE's server's still down, so I'm subbing in.

So first of all, you may be wondering where mathEYE is. Well, last issue, he said that his server crashed (in an attempt to mock JobMine, until Angelo ruined the joke [Yeah, sure, and you're welcome for me doing your job - Angelof]. However, this time, his server actually has crashed. Thankfully, his data is backed up on mine, and hence, your Scopes.

## ACCOUNTING

As the term continues and the tax deadline approaches, you are quite thankful that you are not on co-op this term. However, keep in mind that next time tax season comes around, you won't be so lucky.
Your lucky number: 4 months of tax training.

## ACTSCI

You see OHIP as nothing more than a way for the government to steal your co-op health insurance jobs. Suggest to them that they will get your vote by abolishing the program altogether. This will get your rightfully-earned jobs back where they belong.
Your lucky number: 0 ActScis left after such a suggestion.

## AMATH

As you continue taking those very important steps towards your future, I must offer you one solid piece of advice: watch where you step, because otherwise, you may just step in a pile of dung.
Your lucky number: 1 really nice pair of shoes ruined. This lucky number brought to you by: Angelo, because someone else forgot to put it in.

## SOFTENG

Face it: you know that your midterms are going to rape you. So what are you going to do about it? Implement a study method interface! Did I seriously have to tell you to do that?
Your lucky number: 15 last-minute study sessions.

## STAT

As the numbers become more and more massive, you will find that you will easily get lost in them. I know that this describes an average trek through the MC, but statistically speaking, you should be able to find your way again.
Your lucky number: 7 mathies lost per day.

## UNDECLARED

Your interests are varying, but your future is at stake. You need to decide where your future lies, be it here or elsewhere. If you do not decide soon, then you will encounter certain doom. Your lucky number: 1 instance of certain doom.
AHS
You see this winter as a chance to continue your campaign chil against smoking. You continue to wonder why people are willtheir ing to go out in the cold and wind to do something that will hurt them. Keep up the good work.
Your lucky number: 0 people convinced.
ARTS
You know what irritates me? The fact that while we have to be up and in class by 8:30 nearly every morning, you continue to m , bu sleep in, not going to class until afternoon. Why must you taunt oens me so?
MySf Your lucky number: $z$.

## they ENG

Midterm time shows a different side of you. Your non-engineering friends (should you have any) will notice that you're
constantly angered by the prospect of "impossible" midterm exams. How can you stop this? Tune in next time to find out.
Your lucky number: 5 trips to Couselling Services.

## ES

I don't see how you can continue to complain about global warming. It's, like, 20 degrees below zero, here! Complain about global cooling, for Pete's sake!
Your lucky number: 6 more weeks of winter.
SCI
So, you tell me that global warming is man-made. You are convinced that this is just not another part of the warming cycle, and that an ice age is looming. It sure feels like an ice age out here!
Your lucky number: $10 \%$ chance that you're wrong!
csEYE
will get a co-op job before mathEYE if he keeps this up.

## gridWORD

I swear I'll get it one of these days...
So after two issues of "oops!", hopefully we're looking at good grids this issue. Where grids $=1$. I did mark the solutions handed in (thank you people!), and the winners are...(drumroll please): - Issue \#1 Brandon Wilkinson - for submitting the first week and being so patient and understanding ("How did you know I have an aardvark?" and "By collecting my C\&D certificates won by default")

- Issue \#2 Graeme Kemkes ("play with aardwolf" and "breakfast")

Thank you to Nick Murdoch for also submitting near-perfect solutions to both puzzles ("Let it run wild on my ant farm while I look for a company that will transport live animals intercontinentally" and "Buy another tank of fuel")
Winers can pick up their gift certificates from the MathSoc Office, MC3038. Just ask the office worker to look in the mathNEWS mailbox.
And for this issue the gridQUESTION is: "What's your favourite thing about midterms?" Please note, this question was NOT my idea - you can thank Diana Chisholm for this one. Solutions will be accepted in the BLACK BOX between the C\&D and the Comfy, on paper because they're easier to mark than email solutions.

ConMaster


42. Bulgarian capital
43. raison d' $\qquad$
44. type of butter
47. avion
50. antonym for good
51. capital starter
53. surgeon's implement
54. messaged online
56. sincere
60. decorative
61. tibia neighbour
62. Alps call
63. threatens
64. search engine

Down

1. abhors
2. one-dimensional
3. Shakespearian lead
4. scat!
5. 
6. way out
7. underground railroad leader Tubman
8. Celtic island of paradise
9. subject or dominant idea
10. 6:00 shows
11. turned sharply
12. exits
13. 525,600 minutes
14. Greek Mythological be
15. 7 memorable global sig
16. obligated to pay
17. computer language
18. stood up
19. backed away
20. ex. pony and glass
21. $\qquad$ firma
22. yellow jacket
23. out there
24. two dimensional shap
25. Agnus $\qquad$ 's Rule
26. adept
27. root vegetable
28. material world
29. acquired
30. detective
31. tale
32. Harry Potter menace
33. plot of land
34. Darling's dog
35. satisfy

Across

1. greeting
2. dreams
3. Ma-Ti's ring and power
4. ordinals for ten
5. sophisticated or elegant
6. newness
7. Marvel founder
8. part of a TV series
9. grief
10. pie $\qquad$ mode
11. seduces
12. tax or interest
13. Perseus or Bellerophon
14. French hat
15. learning method
16. required
17. pacify
18. intellect
19. give up
20. embrace or comprise
21. type of financial limit
22. crowd scream


## Cryptic

## Across

1. It will be in favour before 1. Forgo the wine docur others get in the mix. (10)
2. The worst fruit is the best? (7)
3. Evil hotel beginnings kept in relative. (8)
4. Farewell to the valley. (4)
5. Shy half wolf. (3)
6. Circumstantial splender. (4)
7. Ring of fire-bird. (8)
8. Sounds distressed before process of fruit. (7)
9. Mourning for the destroyer
(6)
10. Amaze the mixed nuts (4)
11. He puts off the officiator back in the game (7)
12. Weight in a short line (3)
13. In which phi considers images. (5)
14. Not thoroughgoing about twelve balls before picking a blemish. (10)
15. Will a man include a pet. (5)
16. The cuff surely goes both ways! (7)
17. Erect green electronic calendar. (7)

## Down

(8)
2. Riding a cloud? Steal s transport after a top. (2)
3. Formerly stir from rest
4. He puts knots on thel (4)
5. New kind of book. (5)
6. What the girl yelled before being cut off by sage? (6)
7. She sure likes her alco (5)
10. Last to hit dead weigh
11. Discuss the opposite (8)
14. Starve Quickly. (4)
16. Disallow my dearest strings. (5)
18. Lovers' Game? (6)
19. Environments where zodiac live in the earth
20. The lady's back aroun motion for revival. (7)
23. Host an alien currency
24. Pillage in the name of (5)
27. Drum Trap. (5)
29. Hair on the evil one, but Arabian Nights. (5)
30. Discard the throw (5)

