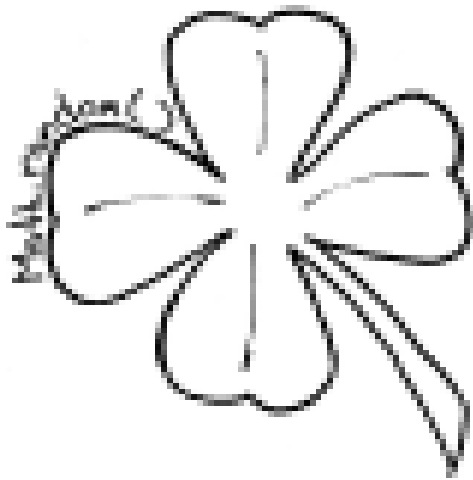


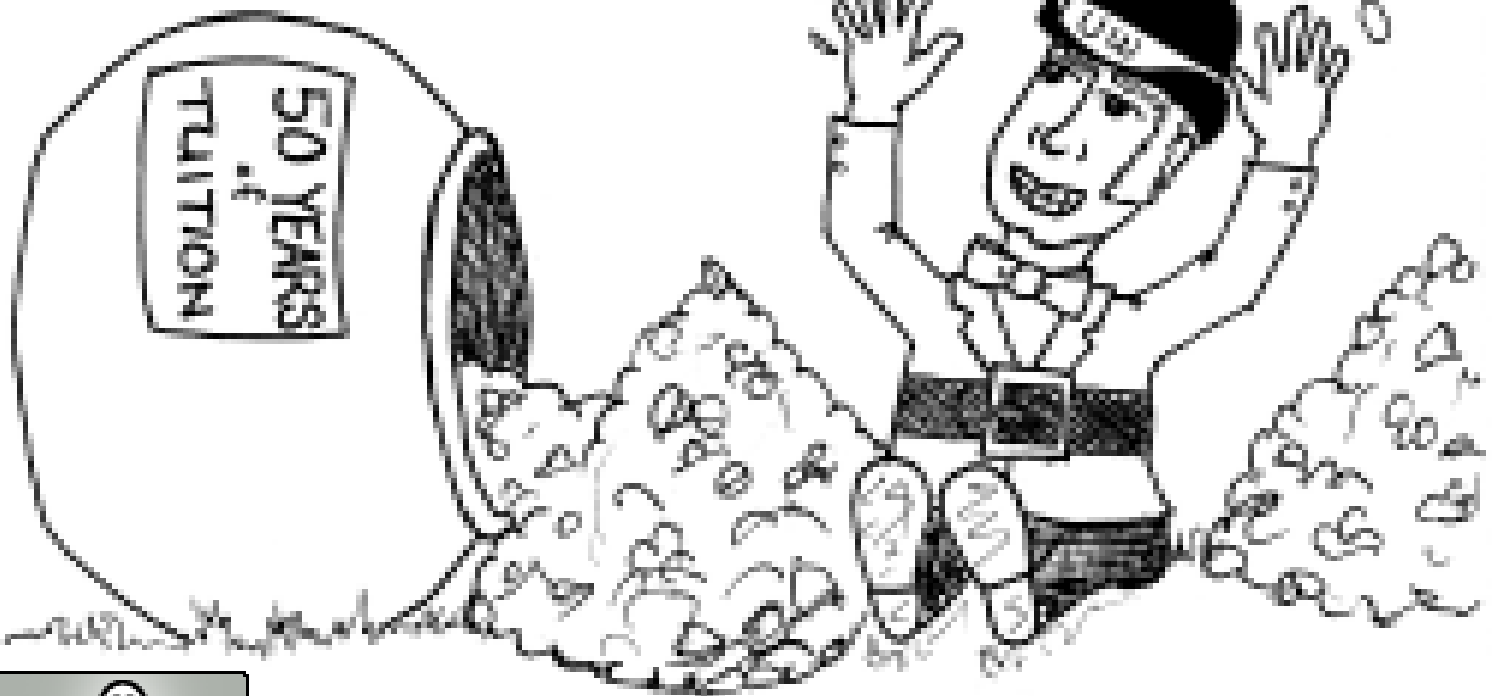
# *math* NEWS

Volume 103, Issue 5

Friday, March 16th, 2007



HAPPY  
ST. PATTY'S  
DAY



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**lookAHEAD****mathNEWS**

March 16 Issue #5 thaws out  
 March 26 Production Night #6  
 6:30PM, MathSoc (MC 3038)

All are welcome!

March 30 Issue #6 crams for exams

**Math Faculty**

April 3 Lectures end  
 April 9 Exams begin  
 April 21 Exams end

**MathSoc**

Thursdays Movie Nights

**MGC**

Wednesday Pizza, 3<sup>rd</sup> floor MC  
 11:00-1:00

March 16 Grad Ball

**CECS**

April 13 Last day of on-campus interviews

**Student Awards & Financial Aid**

April 13 Last day - Continuation of Interest-Free  
 Status

**Misc**

April 1 April Fool's Day  
 April 6 Good Friday

**mastHEAD**

Kudos to that forsaken snow storm that delayed our beloved *mathNEWS* from arriving on time. We send you our ire and disdain in its truest form: apathy. However, no snow storm, especially one from the past prevented us from having another funderful production night adventure. Midterms and assignments notwithstanding, nothing stood in the way of the glory that is *mathNEWS*. Much to our delight, daylight savings time brought production night to us sooner.

As usual, we do our best to bug our groovy production staff with a Hee Ho question. We posed the question "What did you lose when you lost your?" and received the answer: "We lost an hour? I was on a Scunt delirium" (lost-luck); "An hour of developing exciting new theories" (Snippet); "A bubble of rested XP" (Math.random()); "The opportunity to buy beer for a day." (j2simpso); "What hour?" (Matt); "Another chance to sleep in :(" (Insider); "Everything ..." (2:30); "Nothing. Surprise." (Andrew); "My surplus hour from last October." (DanS).

As always, we give a very happy sentiment out to graphics. They are the paper that gives our vulgar literary creative corporeal form. We would also like to thank Friday, not only for being the end of the school week, but for giving us *mathNEWS*. Let us give thanks to *mathNEWS*.

Angelo "Freedom, dignity and all other things with no real monetary value."  
 StatsED "An hour of morning sunlight."

**I Suck at Writing Good Music**

*To the tune of "I hate everything about you" by  
 Three Days Grace*

Every whiny song we make  
 About our lives that we can't take  
 There's some stupid reprobate  
 That thinks that he can relate.

All my lyrics make no sense  
 About my personal laments  
 And I sing about regret  
 Despite all the cash I get

Only when I stop to bitch about it

**Chorus:**

I suck at writing good music  
 Why do you buy this?  
 You should have better taste than this.  
 Why would you like me?

*(Repeat lyrics where appropriate in the song seeing as how they complimented three chords with three sets of lyrics.)*

Angelo

**Bug of The Fortnight**

*Anomalies in Lisp code*

In this Bug of the Fortnight we will examine some bugs and syntax errors inside of Lisp code. The following code is supposed to add all odd numbers from 1 to 100 in Common Lisp.

```
(defunc addOddNum ()
  (for loop i from 1 to 100 step 2
    for ans = 1 then (* ans i)
    finally (return i)))
```

Since the next issue of *mathNEWS* will be the last issue this term, I will be covering a Bug of the Fortnight triple play: Fortran, COBOL and C, all in one article! Stay tuned for more bugs.

James Simpson

**ISSN 0705—0410**

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The editor(s): Emerald Kushnier

## Prez Sez

It's like Snuggles Sez, but without the financial stability and more lemons. Man, I do like lemons. I was always taught that when life hands you lemons, you shut up and eat your damn lemons. Or something like that.

The big news these days involves the word "referendum". As you have probably heard by now, there will be a referendum March 28<sup>th</sup> and 29<sup>th</sup> on the issue of a Universal Bus Pass. As usual, I encourage you to vote. I don't really care which way you do vote, but VOTE. Voting is on-line and takes very little of your time. Do it.

If you want actual information on the issue, people will be rabidly campaigning starting Monday. They will tell you everything you need to know to make an informed decision.

There is, however, another referendum being held at the same time that I think is just as important, if not more so, than the Bus Pass Referendum. MathSoc is asking you for more money. Don't get all excited; it's not much (only \$2), and it's for a good cause. Let me explain.

Since, well, always, MathSoc has lacked a mechanism for funding capital improvements, such as renovations and maintenance in the 3<sup>rd</sup> floor lounges. If you're reading this, you've probably been past the lounges at some point, and seen how they look, for lack of a better term, shabby. This is because we simply don't have a way to pay for the work that needs to be done, such as getting new furniture, having the carpet replaced, or updating the lighting. Enter the new MathSoc Capital Improvements Fund (CIF).

If you really want to see the nitty-gritty of how the CIF works, I can only direct you the Society's Policy 32, where the whole thing is laid out in exquisite legalese. But in simpler terms, it works like this: You give us an extra \$2 per term. We put this money into a big pot that generates interest through the magic of investing. Every January, we skim off the interest and use it to buy things like new seating for the C&D Lounge, a new desk for your favourite club, or window blinds that aren't made mostly from dust.

"But you paid for Office renovations without some CIF!" I hear you cry. Well, yes, but that was from scraping together leftover money from previous terms. It's not a reliable or sustainable source of funding.

"So this CIF sounds like a great idea, but can't you afford it without a fee increase?" Probably not. Here are some interesting facts: The last time the MathSoc fee went up was \$96, and that increase was used to pay exclusively for *mathNEWS*, which you're reading now. The last time MathSoc's actual budget

## VPF Says

The refund cheques that have been requested are now printed and ready for distribution. Be sure to stop by the exec office to pick yours up and let me know that you read this article of *mathNEWS* so I know how well it works.

Nothing else terribly interesting is happening, so if you have any inquiries whatsoever as to the state of MathSoc's monies, I'm your man.

Angelo  
MathSoc VPF W07

expanded was 1992, when the fee went from \$5 to \$7.50. So trying to pay for the CIF out of what we have now would be like sending us back to the early 90s, which would not be such a spiffy idea, since prices have gone up more than 31% since then.

If you're still not sold on the idea, or would like more information, either myself, any of the other MathSoc exec, or even one of our Directors is more than happy to answer your questions. Drop by MC3038 and there will almost certainly be someone about who can answer your questions.

To sum up: MathSoc is asking for a small increase in its fee so that it can afford to have facilities that are kept in reasonable condition without setting itself back fifteen years financially (or 27%, whichever you prefer). I hope you find this to be a reasonable proposition and will vote in favour on March 28<sup>th</sup> and 29<sup>th</sup>.

Eric Logan  
MathSoc President W07  
prez@mathsoc.uwaterloo.ca

## SASMS Are Back

The Pure Math Club will be hosting its tri-annual Short Attention Span Math Seminars (SASMS) on Wednesday, March 28<sup>th</sup>. The festivities will start at 4:30pm, and run until about 9:30pm, or whenever we feel like going home (with my short attention span, that won't be late). The room will be announced later.

SASMS gives students the opportunity to talk to other students about their mathematical interests. Plus it is great experience for grad school, or teaching, or a real work environment. Talks usually last about 20 minutes, so no one gets too bored.

Anyone can give a talk, just email us at [pmclub@gmail.com](mailto:pmclub@gmail.com) or sign up in the PMC (MC 3033) by Friday, March 23<sup>rd</sup>.

Pizza, pop, and snacks will be provided. And if you don't want to talk, but want to listen to some cool math, feel free to come out for the free food!

We hope to see everyone there.

PMC Exec

## CSC Flash

### *News From the Computer Science Club*

The following talks are being given by the Computer Science Club:

Computational Physics Simulations. A talk by David Tenty and Alex Parent. This talk is to take place March 20 at 4:30 PM, location to be announced.

Loop Optimizations. A talk by Simina Branzei. This talk is to take place on April 8 at 4:30 PM in MC 4041.

In addition, the Computer Science Club has recently discovered videos of talks from a while ago as well as some SIGGRAPH videos, so there will likely be some sort of SIGGRAPH video night. More information on these events will be posted throughout the MC, so be on the lookout. Finally, a great deal of past talks including a rare 1989 talk given by Bill Gates for the Computer Science Club has been posted to the CSClub website. As always, you can download past talks and learn more about the Computer Science Club via our website at: <http://www.csclub.uwaterloo.ca>

Calum T. Dalek

## Bee a Hit at the Integration Bee

On Friday March 23 at 4:00 in MC 2065 the PMath AMath C&O Club will be holding it's first annual integration bee!

For those of you in first year, don't worry about difficulty. The questions may be tricky, but they won't include anything you haven't seen before in your classes (ie. multivariate integration). Plus, you can compete as an individual or in a team of two. Now if all that hasn't convinced you, at least come for the free food. Or, we can only hope, to see pros beaten by students! Local celebrity professors will be fighting for the chance to be crowned master integrator.

### *Format of Competition*

The competition will consist of two parts: A and B. Part A will consist of 8 rounds in which all contestants will be presented with a definite integral which they will have to compute exactly within 5 minutes. The beekeepers will decide which teams go on through a complicated ranking algorithm.

Part B will consist of a head to head sudden death competition where the contestants will have to work on the board. The first team to circle the correct answer wins. No random guessing allowed, contestants can circle at most one answer.

The winning team will be crowned Queen Bee/Master Integrator and will win awesome prizes!

If you wish to compete please email us at [pmclub@gmail.com](mailto:pmclub@gmail.com).

Don't miss the calculus event of the year!

The PMC

## Fully-Funded Travel and Academics

### *Waterloo-Haifa International Program*

Heather Reisman, Founder and Chief Executive Officer of Indigo Books and Music Inc. (now Chapters Indigo), and Gerry Schwartz, Chair and Chief Executive Officer of Onex Corporation, have donated \$500,000 to the University of Waterloo for undergraduate student education and travel.

All types of Mathematics, Computer Science or Software Engineering students are encouraged to apply for travel to the University of Haifa in Haifa, Israel. No knowledge of Hebrew is necessary! The donors would like our Waterloo students to experience the culture and life of Israel and are willing to pay for travel, accommodation, food, tuition, cultural visits and all other expenses. Although the exchange is with the University of Haifa, students will be able to travel extensively within Israel (funded) and elsewhere.

Students may travel in groups, with friends, or whatever makes you comfortable. There are four options for travel so far: 1. A normal academic exchange taking Math and CS courses in Hebrew

2. A normal academic exchange taking elective courses in English

3. A four-month research work term in English

4. A four-week cultural exchange in August in English

If you can think of other options, we are willing to work with you.

We will be having a Haifa Information Session on Wednesday, March 21 at 3 pm in MC 5158. Of course, refreshments will be served! Please contact Anne Banks Pidduck, [apidduck@uwaterloo.ca](mailto:apidduck@uwaterloo.ca), for more information.

## Pledge now, pay later

Hey Grads (and those really keen students who read everything in *mathNEWS*), hope everyone enjoyed being served pizza by the Dean!

Since the last *mathNEWS* article, a lot of people have been asking two questions about donating. First, why should they donate? And second, where would the money go?

Let's look at the first question. There are many reasons to donate. As I mentioned two weeks ago, we want to do better than the Engineers. That's always a good goal. But there are serious goals, too. With student support, the Faculty can better serve the needs of Math students (new computers, more staff, etc). There are also certain perks and draws held depending on the amount pledged. Since I want to make sure I get a complete list for you guys, I'm going to hold off until the next *mathNEWS* article to talk about the perks. Also, I don't want this article to get too long.

Now to answer "Where will the money go?" Easy. Anywhere you want it to go. We have four main categories that you can put your money towards. Besides the three I mentioned two weeks ago — specifically MEF, Orientation, and Faculty Support (MFCF/CSCF, Tutorial Centre, Equipment), there is one more. This year, we're introducing a brand new (and really cool!) option: The Class of 2007 Scholarship. That's right, if we raise enough money this year, we can make a scholarship that will be presented to Math students on a yearly basis. That means that every year, a Math student will receive a scholarship presented by us — The Class of 2007!

If you're interested in donating, visit <http://www.student.math.uwaterloo.ca/~mgc/> and click on Pink Tie Pledge on the left-hand side. If you have any questions at all, feel free to send me an email at [r2paul@uwaterloo.ca](mailto:r2paul@uwaterloo.ca)

Romesh Paul & Maciek Sliwa  
Pink Tie Pledge Directors

**UW GAMERS Club**

**SUPER SMASH BROS. Melee**

**TEAM TOURNAMENT**

**Tuesday, Mar. 20/07, 5 to 10 PM**  
**LOCATION: SLG Great Hall**

For more information visit  
- | [www.uegamers.org](http://www.uegamers.org) | -



## A stapler, a stapler, my kingdom for a stapler!

*Oh where, oh where have all the staplers gone, oh where oh where can they be?*

Hunting for a stapler in the MC is like looking for the Holy Grail. Who knew such a small office tool could cause so much grief?

On Tuesday (Feb 27<sup>th</sup>), after hours of blood, sweat, and tears spent in the Math Tutorial Center, I finally finished my algebra assignment. "Finally!" I thought. "I can hand it in and be done with it."

As usual, I ran down the stairs to the 3<sup>rd</sup> floor (since the the staplers in the Math Tutorial Center were confiscated some time ago) to get my assignment stapled at the MathSoc office. To my shock and horror, I was confronted by a sign on the MathSoc office door saying that they're closed until March due to renovations or something. Uh oh. Now what? The MathSoc office was my only hope of keeping my assignment together (And darn, I forgot last week's copy of *mathNEWS!* I could've used the free staple on there).

So I ran back up the stairs to the Math Tutorial Center and asked if anyone was smart enough to bring their own stapler, and was willing to share. Alas, nobody had any such things to spare.

I stood in front of the submission boxes, and the slot stared back at me, as if taunting me. Here I was, finally finished the assignment, but couldn't hand it in because of the lack of a tiny piece of metal that costs barely anything. I thought the University was supposed to provide its students with tools to learn. We've got all those nice computers on the 3<sup>rd</sup> floor, yet there isn't even one measly stapler that we can use in the entire building!

I was about to give up, maybe make a trip home and come back, when I decided to try one last time. So I trudged back down to the 3<sup>rd</sup> floor again, hoping that someone there would have a stapler handy. I peeked around the various offices, when I spotted some duct tape. There was a moment when I seriously considered using duct tape to keep my assignment together (and it would make it stand out and easy to find when it's handed

back), when finally, finally! I spotted a black stapler. Heaving a sigh of relief, I put the paper in the contraption and pressed down...

Nothing.

Ah crap. When I finally found a stapler, it's out of staples! Now what? I turned back to the duct tape and wondered if the markers would mind if I've got thick grey tape everywhere on my assignment.

Just then, out of the corner of my eye, I spotted a flash of blue in a familiar shape peeking out from behind a pile of paper. Quickly, I went over, and with shaking hands, put the paper in and pressed down...

With a familiar and reassuring click, the stapler spewed out a piece of metal that kept my papers together. The metal was wonky, but it did the job. I think now I understand how those people, lost in the desert, felt when they finally found some water.

Finally, I went back up the stairs again to submit my assignment (I've gotten two days exercise in that one day...). Lesson learned. From now on, I will keep a stapler in my bag so I don't have to go through this again. I think we as math students should start a stapler fund to bring back the staplers to the Math Tutorial Center that were there last term. Or start a protest or something and demand the University provide us with all the necessary tools to learn.

M.R.





IN ASSOCIATION WITH




**WiiSports**  
TEAM TOURNAMENT

Saturday, Mar. 24/07, 9 to 11 PM  
LOCATION: SLC Great Hall

For More information visit  
- | [www.uwgamers.org](http://www.uwgamers.org) | -

**profQUOTES**

[Upon seeing two pictures of MY SHIRT on the board] I'll eat my shirt if I make mistakes, but I haven't made any mistakes so far.

Zorzitto, MATH 148

[Donut's volume =  $4\pi^2$ ] That's a small donut, about the size of donuts that Tim Horton's gives you these days.

Zorzitto, MATH 148

Prof: Which real-life object does this resemble?

Student: A donut?

Prof: With square sides and square bottom? Excellent.

Zorzitto, MATH 148

Look at  $e^x$ . Nicely bell-curved...  $e^x$  is not the curve I use to adjust marks.

Zorzitto, MATH 148

I'm going to outrageously claim that, if you work hard, you can simplify this to the following...

Spronk, PMATH 354

Self-love is the problem, not the solution

Snyder, HIST 348

Old people's feet aren't very cool

Snyder, HIST 348

Proof omitted: too hard.

Small, STAT 240

God I hate Valentine's Day, it's my chance... Oh, sorry.

Small, STAT 240

[Talking about probability models, subsets, events] Imagine somebody gave you a birthday cake made out of one of these subsets.

Small, STAT 240

To believe this, you have to believe in the axiom of choice, but not everybody here is pro-choice.

Small, STAT 240

Don't write this down, because it's the wrong definition. Don't write this down either, because it's the wrong definition. It's the Russian definition.

Small, STAT 240

There are more students than seats in this classroom. The proof is: there are no students sitting on top of each other.

Ng, PMATH 367

No wonder I don't get any red hot peppers on RateMyProfs.

Marcoux, MATH 146

[Student's cell phone goes off] Is that a cell phone? I can't tell. Well, if you play, I'll dance. [Starts dancing]

Malton, CS 245

Here's a mathematical sentence with the interesting bits removed: If [monkey noises] A then [monkey noises] B.

Malton, CS 245

[While trying to differentiate Peano vs Piano] Piano arithmetic is 1 to 88, black and white.

Malton, CS 245

If it's trivial, prove that it's trivial. If you can't prove that it's trivial, then it's by definition not trivial.

Lawrence, PMATH 346

[Regarding network congestion and dropping packets] It's like having a tower guard at the parking lot, shooting down cars that overflow the line. Since it's a overflowing parking lot, another car will appear right away. It's rein-CAR-nation. Get it? I created it, and no other profs use it because they are not as funny as I am. [The guy who had his car blown up would say] You just blew up my car! Now I'm going to steal 10 more cars. The guard with the bazooka proceeds to blow up the 10 cars that come in. And now we're stuck with a bunch of zombies in the parking lot.

Keshav, CS 456

Questions, comments, suggestions, complaints, flames, whatever?

Jao, CO 331

So if you're having an argument with someone and what they're saying is a load of horse bleep, then you stick up your nose at them and say, *sesquipedalian*.

Jackson, MATH 235

Recall or possibly this is the first time I'm writing this on the board.

Haxell, MATH 239

Since I don't know what I'm doing, the class is over.

Hare, PMATH 332

This morning I was feeling lazy. So I stopped [teaching]. Class is over.

Freeland, ACTSC 231

"How am I going to make it to the top of the hill? I'm going to follow the gradient!" you said in Grade 5. Now you know why.

Allison, MATH 119

Student: Why would the  $y-y_0$  be squared?

*Has your prof said something quotable? Type it up and send it to [mathnews@student.math.uwaterloo.ca](mailto:mathnews@student.math.uwaterloo.ca), or write it down and drop it in the **BLACK BOX** (located on the MC 3<sup>rd</sup> floor, between the Comfy and the C&D).*

**Calculus - the rate of change**

*Even if the study itself isn't changing*

Which begs the question: why are there new textbooks coming out for something that hasn't changed dramatically enough to warrant the exorbitant fees being paid for old material?

Angelo

## mathHELP

*A mathie advice column*

**Dear Insider,** I have been known to get assignments done relatively early. My friends, on the other hand, are not. Every week, they seem to drop by my place right before an assignment is due for help on the entire thing, and to add fuel to the fire, they're even doing better than me on them (and bragging about it, I might add). It's getting annoying. Am I in the right to help my friends? — **Helpful Classmate**

**Dear Helpful,** it's good to help a classmate, but they are abusing not only your good time management skills, but also what appear to be your correct answers. The truth is that they would not be doing well at all on these assignments if it weren't for you. Remember that you are not obligated to help them on assignments, and if you feel that they've bugged you too much, just refuse to help them. This will hopefully teach them that you are not just a go-to person (and to get their work done early). (P.S. to those who do it to me, I hope that this serves as somewhat of a hint.)

The Insider

**Dear Insider,** I live in residence, and it seems that every time I try to study, my floormates are making a ruckus. They are just so noisy that I find myself being unable to concentrate on anything. It's getting rather annoying. How can I make them just shut up? — **Lost Focus**

**Dear Focus** — Have you tried discussing your concerns with your floormates? If not, that would be a good place to start. If you have, remember that you don't always have to study in your room. Each residence has a central area which is often quieter than a major party, as well as several libraries and empty classrooms on campus that you are free to use. Now if you're trying to sleep and they're being noisy during quiet hours, this would be a good time to talk to your don. They will do what they can to get the noise to stop.

The Insider

**Dear Insider,** Nigeria inheritance/contract payment list. Bank:Central bank of Nigeria (CBN).Among \$18.5m inheritance/contract payment \$15.5m Bank Draft only will be deliver to you through Diplomatic courier service. Diplomatic courier information (WITHHELD) 'til we hear from you.Your name, phone & fax, age & sex. — **Phisherman**

**Dear Phisherman,** I highly doubt that you have millions of dollars lined up for me. Besides, you are doing a horrible job when it comes to phishing. Not only are you asking for the wrong information (where is the SIN and credit card number?), but it took me a minute to even figure out what you were trying to say! Please try again. Wait, don't.

The Insider

mathNEWS\_Insider@hotmail.com

## God of this World

*To the tune of "Part of your World" from the Little Mermaid*

This goes out to all of those heroes fans who have to wait a month and a half before we get any new episodes.

Look at these powers, aren't they neat?  
Wouldn't you think my collection's complete?  
Wouldn't you think I'm the hero who could do anything?

Look at these skulls, powers untold.  
How many powers could one hero hold?  
Running away, sure to think: boy, he's killed everything.

I can melt telephones and a toaster.  
I can nail you with chairs to the floor.  
Got a broken watch? I can fix it.  
But who cares? No big deal. I want more!

I wanna be where the heroes are  
So I can open their skulls and extract their powers.  
Running away for their - what do you call it? Oh - life!

Running away won't get you too far.  
I can hear your heartbeat and track you for miles.  
Sending you all to a - what's that word again? Grave.

What makes them tick? What makes them tock?  
What makes me think people are like clocks?  
Wandering free - wish I could be god of this world.

Who must I kill so I can still breathe underwater?  
Who must I slay so I can stay healthy and well?  
Bet'cha I can, find that man  
And decapitate his daughter.  
Bright young, always healin'  
Ready to die!

I'm ready to do what the others do  
Ask them some questions and get some brain cells.  
What's my fate and why does it - what's the word? Suck?

Nowhere to hide, nowhere to run!  
I'll make you shoot yourself with your gun!  
Since I broke free I'm trying to be  
God of this world...

Angelo

## Tomorrow is Pre-Barf Day

*Or St. Patrick's Day, whichever*

Party tomorrow! Tomorrow is the day when we celebrate how little we can tolerate our vapid lives by drinking ourselves into a mindless stupor. Boo-ya!

Angelo

## Dating Advice From The Single Guy

Dear The Single Guy,

I just recently found out about my girlfriend's horrible past. She used to have *relations* with strangers in exchange for monetary compensation. She assures me that she doesn't do that any more, but since I found out I've been noticing a lot more about her behaviour. I never thought it was suspicious, but she carries cash around in her shoe, and gets a lot of calls from a guy named Rocko. She also has an extremely extensive undergarment wardrobe. I don't think I can trust her any more, but I don't want to end the relationship because it was hard enough to find her in the first place, I don't want to find someone else.

-Brendan

Well Brendan, the question that you really need to ask yourself is "so what if she is/was someone who has been paying their way through school with some less than legitimate methods?" Not only is this not a problem at all, it's actually quite the blessing. Just think about this for a second. Have you ever had a girlfriend who was less than proficient in the sack? Well that is definitely something that you should take advantage of, you'll probably never find anyone as skilled as her. Not only that, but she's going to be very easy to please, or pretty good at pretending. She's bound to have plenty of money from her exploits and that means if you play your cards properly you can also get plenty of monetary rewards from her shady history as well. Lastly and one of the best things about a relationship like this is that it's actually going to be a real relationship. She's in it to be with you and so odds are good that she's actually less likely to want to cheat on you than anyone else you're likely to find (unless they have a lot of money). I hope that helps you out with your situation, don't be worried.

I've been going on a bit too long lately so only one letter this week. However I will address comments about me in The Insider's last article from someone who just seems to suck at relationships. If you're a single female on this campus who is having a hard time finding a guy, then honestly, either your standards are way too high, or you need more help than I can possibly give, and well, I'm so knowledgeable that I can give

### M Means Migraine

Marvelous Mister Mechano Man

Might Mercy Merit Malevolent Mayhem?

May Many Mighty Memories Mistake Malicious Magics.

Maybe More Miraculous Mishaps Might Mitigate Mister Mechano Man's Mistakes!

Muscles Move Monstrous Mannequin Mandibles Making Minute Minutiae More Malleable.

My Ms' Most Marvelous Ministrations Make Many Massacred Mathematical Matrices Mostly Malcontent.

My My, Many Ms' Mostly Miss.

Mister Mechano Man May Merge Malign Myths Making Mental Middles Meet.

Matriculate My Missive, *mathNEWS*.

Marvelous!

lost-luck

## Dating Advice From The Cheese Grater

Dear The Cheese Grater, Help! I met this nice guy at the DC library last week, and he helped me carry my books and was all sweet and everything, so I said I'd meet him for coffee this weekend, but then I found out he's an international assassin with herpes! He's like on the cover of InterHerpAssassin Bimonthly this bimonth! Does this mean he's bi? I don't like bi guys. They smell like lemonade. How do I break it off? Signed, Herpeless in Waterloo

*Cheese Grater:* ...

Dear The Cheese Grater: I've been juggling three guys on and off for a while now. I know, I know, that's not cool, but I thought I could keep things under control if I soundproofed their rooms. But I think one of them started talking to the others by shaking their chains in Morse code, and then I started noticing weird patterns in their urine pools, like a sort of code. And I'm pretty sure the redhead was making hand gestures to the blonde on our way to a night of torrid passionate lovemaking on the furnace. I think I'm going to lose them all, CG. What do I do? Uncertain in The Basement

*Cheese Grater:* ...

Hey, Cheese Grater. Two years ago I mailed myself to Russia to find myself a wife. Halfway through transit I guess they discovered my postage was insufficient, so they dropped me off in the middle of the Pacific. I spent a long eight months adrift at sea, sustaining myself with random corpses I found floating around this flaming wreckage. Eventually I landed at some island where the the people were really, really tiny; like, an inch tall or something. They thought I was an invader, but eventually I killed enough of them with my thumb to make them stop saying it. Now I'm swimming in piles and piles of miniscule concubines, and I find myself not missing normal-sized women at all. And I fantasize about leprechauns with braces. Is that weird? Yours, Plucky in Whoknowswhere

*Cheese Grater:* \*rusts\*

HWT

## Om Mani Padme Hum

*Pearl of the holy lotus*

For those of you unaware the above expression is a Bhuddist mantra with its translation. The meaning of this prolific expression is derived from the lotus flower. In layman's terms, it means something beautiful growing from something not beautiful. Like a flower growing in mud or the Doom movie and the FPS scene.

As students we don't usually have time to truly appreciate the beauty of the world around us. For example, take mathematics. As a math major I find myself facing the horrible and unrelenting rape from my courses on a daily basis. As I find difficulty in sitting down and walking, I fail to realize the true splendor of math. The pure abstract maths, and the applicable maths. From thousands of hours of hard labour with nary a lay in sight, we develop a deeper understanding of how the world works.

So take time out of your ridiculously heavy work load — the time when you should be spending every waking breath trying to grasp concepts that until then have eluded you — to relax. Look around, look at the thousands of people competing for the same jobs as you, as they work tirelessly driven by the desire to surpass you. Find the pearl of your holy lotus.

Angelo



# Horrorscopes

*Because you suck*

**ACCOUNTING** All that I promised you good futures if you did my taxes for me. Well, since you charged me ridiculous fees again this year, I am being forced to take revenge on your souls. Trust me, it won't be pretty.

Your lucky number: A refund  $r < 0$ .

## ACTSCI

If you are looking for love, you will not find it on this campus. In fact, you will find it difficult to find it on any campus. What would increase your chances is partying. Invite Arts so that you can get some girls.

Your lucky number: 0 girls interested.

## AMATH

Your attempts to make the PMaths like  $e$  are beginning to backfire. You need to come up with something else, and you need to do it fast. Talk to a Double Degree; they know what's popular on Laurier campuses.

Your lucky number: 100% drop in love for  $e$ .

## BBA/BMATH

Your time-management skills have greatly improved since starting your program. Specifically, you have learned that you shouldn't do assignments at the last minute, lest you have to walk to the other school to submit it. Just remember to put it in your bag this time.

Your lucky number: 45 minutes just to submit an assignment.

## CM

You will numerically solve some shmuck's equations for  $k$  airflow particles. All you need is a little bit of help.

Your lucky number: MatLab 7.

## C&O

So you've combined and optimized your usage of the co-op system, and once again, it left you jobless. You do realize that if you want employment, you actually need to spend more time optimizing your job search skills instead of the system itself.

Your lucky number: 0 jobs.

## CS

Your reliance on technology is going to lead you up to failure when the technological age dies. After that time, you will not know how to cope. Take lessons with an ESer now before it's too late.

Your lucky number: 7 CSers living off the land.

## MATHBUS

As you continually laugh at the Double Degrees for having to walk to and from Laurier every day, you will soon realize that they have a distinct advantage. For example, are they walking to and from Laurier with a girl? Think about it.

Your lucky number: 0 girls here for you.

## MATHSCI

You know what makes a really great date? You can go sky-diving, and just before you and your mate jump, calculate the speed at which you'll hit the ground without a parachute. If that doesn't add to the thrill, I don't know what would.

Your lucky number: 100 km/h at 4000 m.

## PMATH

You are going to develop an unimaginable love for numbers. I would not interject to your newfound love of  $\pi$ , however you should probably stay away from  $e$ . That stuff will really mess with you. Your lucky number:  $\pi e$ .

## SOFTENG

Technology is going to continue to thrive over the next many years, however CSers are going to start preparing for its death. Please slap them, for they are as gullible as a Laurier student.

Your lucky number: 7 CSers being laughed at.

## STAT

Statistically, you are doing well in your program. A good portion of you drop out relatively early in the program, so you know that you are indeed one of the lucky ones. Now you can have a beer to celebrate.

Your lucky number: 2-4.

## UNDECLARED

Seriously. You've taken many different kinds of math, and you still don't know what you want to do. You do not deserve to be in math. Go to arts, where you have the right to be indecisive.

Your lucky number: 0 decisions in 4 years.

## AHS

Some people just do not realize the severity of problems caused by (insert random factor here). You really need to take initiative and educate those who are trying to inflict harm on themselves.

Your lucky number: 1 person saved (if you're lucky).

## ARTS

You will notice an influx of undeclared mathies entering your realms. Do not insult them, for the now realize that math is not where they belong. You can leave the laughing to us, since they are now your equals and our subordinates.

Your lucky number: 17 angry math, er, artsies.

## ENG

We all know that you were behind the malicious fire in the MC last week. Do you see us going around lighting your buildings on fire? Actually, come to think of it...

Your lucky number: 5 hot buildings.

## ES

CSers will probably be coming to you trying to figure out how you live off the land after technology dies. Laugh at them, for they are ridiculously absurd. After that, they will have (hopefully) figured out that this is just a hoax.

Your lucky number:  $x$  idiotic CSers where  $0 < x < 7$ .

## SCI

You have become fully aware of the dump that this planet is becoming. You are also aware of how well the trash can be used as energy. I am not aware of why you are doing nothing about it.

Your lucky number: 0 energetic scientists who will pardon the pun.

*mathEYE*

Takes no responsibility for any consequences of the above predictions

## Food for Thought

Violence against women is wrong and should be crusaded against. However, violence against men isn't anything noteworthy, nor should we be worried about it. It would be too unfair to women that way.

Angelo

