

math NEWS

Volume 93, Issue 4

Friday, July 11th, 2003



See Go

July 2003

ACTUARIAL SCIENCE GETS A NEW LOGO!

lookAHEAD

mathNEWS

July 11	Issue #5 wishes it has air conditioning
July 21	Issue #6 production night 6:30 pm, MathSoc (MC 3038)
July 25	Issue #6 throws a luau

MathSoc

July 14	MathSoc Council Meeting
July 15	Cotton Candy
July 20	Beach Trip
July 21-25	MathSoc Office Marathon
July 22	Pints with Profs II
July 23	WIMuGrad Bubble Tea and Karaoke

Co-op

If you don't have a job yet, you're in real trouble

Miscellaneous

Today	Wow, it's really hot outside
July 14	Bastille Day
July 16	Happy Birthday to the Sultan of Brunei

mastHEAD

Oil from Mideast Funding CS Girls

In case you haven't heard, Imperial Oil is giving us a million dollars to run the "girls in cs" program for girls in grade 9 and 10 who show some potential in the field. Of course, all the guys here at *mathNEWS* are all for any program that ups our chances with *the ladies*, but a million big ones? We could make our own doomsday device for that... well, maybe not a doomsday device, but we could definitely take down Hagey Hall if the Arts students ever got uppity.

So watch out at the end of the term for the debut of *csNEWS*. The inaugural issue of the *mathNEWS* spin-off will come out at the end of the term. It'll have all the cost of *mathNEWS*, with only half the fun!

So the big question we asked all our production staff is "If Imperial Oil gave you \$1 million to teach something, what would you teach?": Diana (Lubrication 101), Albert (Ian to write good *mastHEAD* questions), Craig (Raping the Environment 101), Eric (Advanced slacking), Lino (How to embezzle \$1 million from Imperial Oil), Greg (Senior Honours Timewasting), Jos (Rational Showering for Math Students).

Ian W. MacKinnon (Girls-only CS134)

Chris Harasemchuk (Lube jobs)

Louis Mastorakos (Hi! My name is Ian. Mr. Mastorakos won't be teaching the course anymore as he's moved to Florida.)

A Limerick

A Waterloo student named Clyde
Would only eat food canned or
dried.

He ate pork and beans,
And expired sardines,

And then he caught scurvy and died.

Greg Maloney

csNEWS/mathNEWS Split

Highlights of a memorandum for readers

The work to fully realize the split between *mathNEWS* and *csNEWS* is well underway. A small enough closet was found on the fourth floor of the DC beside the ultra secret experiments. Soon enough two production nights will be happening at the same times and the staffers won't even notice they are in two places at once, hopefully or else they might explode. The editors of the now distinct papers are working together to make the final division as smooth as possible for readers. Though you will have to make sure you pick up the right issue on Friday.

The following are answers to commonly asked questions about the split.

Seriously guys, what's going on here? Are you really going to split your fine publication? —SB

Yes we are. Really. Seriously. Why don't you believe me? Why wouldn't you believe! Oh god the humanity! Ahem. Yes.

Will I have to remember two user IDs and passwords?

What the hell are you talking about? You don't need a user ID or a password to read.

How are you dividing all the wonderful content?

Most the work has dividing up the production has gone well. *CS* articles, jokes, and prof quotes go into *csNEWS*, and *Math* articles, jokes, and prof quotes go into *mathNEWS*. The question remains about a few ambiguous things like where do quotes from non-Math Faculty profs go? There will be a fight to the death between chosen production staffers from each paper to resolve unforeseen issues.

Was the fee raise a few years back to keep mathNEWS alive actually unnecessary and was it just building up money for this split?

We contacted The Man who was a driving force behind the fee increase, and he said "Forgettaboutit." We aren't entirely sure what he meant, but plans for this division are fairly new as really we are just being trendy, and there is no conspiracy. Yep.

I read mathNEWS online.

What? That wasn't even a question! Ah well other smart people might be wondering what is happening with the web version of *mathNEWS*. It will be just how you remember except smaller, and there will be a new www.csnews.uwaterloo.ca website for all the wonderful material produced by the *csNEWS*.

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UW Alumni in Training: Ian W. MacKinnon, Chris Harasemchuk, Louis Mastorakos

Man you have a nice field! Want to
join me in my Z? αq

Prez Stuff

Student Society like a FOX!

So I am sitting here enjoying all the wonderful benefits of being a MathSoc executive. Sitting in my really big locker, hooked up to the interweb. Getting shoulder massages and grapes whenever I want. Ok maybe not, but being an exec is pretty nifty. You get to play with money if you are the VPF, or talk to admin a lot if you are the Prez, or talk with a bunch of cool directors a lot if you are the VPAS, or do whatever the VPA does. No seriously, the VPA does a lot of good helping to make academics go better for everyone in math. Why am I talking about this? Because it is nomination time. Put your hat in the ring to be a Winter-Fall 2004 MathSoc executive. Anyone can run, so come by the MathSoc office (MC 3038) and pick up a nomination form.

In other news the C&D Management Board met today, and among other business decided that 5 cents for a knife or fork without purchase was way too much. So soon it will be free to pick up a knife or fork, but please listen to the signage and the C&D workers as this policy won't be implemented right away. It actually has been the policy of the C&D for charge for cutlery without purchase for quite some time; it just wasn't observed until recently.

There are few more things ongoing, and you can keep up to date on my website, www.mathsoc.uwaterloo.ca/prez.

Albert O'Connor
President, MathSoc

Short Attention Span Math Seminars

It's time for some SASMS!

Want to hear about why math is cool and interesting? Then go to the Short Attention Span Math Seminars.

The SASMS are an event held every term by the Pure Math, Applied Math and Combinatorics & Optimization Club, and are a series of short (twenty-minute) talks given by math students on a wide variety of topics. Talks begin at 4:30 p.m. on July 16 in MC 5158.

Some of the titles of talks proposed so far include:

- Cardinals, ordinals and other things that sound like birds but aren't
- Black-box linear algebra
- Eigenvectors, Gaussian Integers and Infinite Products
- The Banach-Tarski Paradox, or, Melting your mind can be FUN!

The talks are designed to be understood by first-year math students, while still being interesting to upper-year students. A complete schedule will be posted on MathSoc boards a few days before the event.

If you want to give a talk, it's not too late. Just e-mail the title of your talk to pmclub@student.math.uwaterloo.ca as soon as possible.

Craig Sloss
Minister of SASMS

Pure Math, Applied Math and Combinatorics & Optimization Club

Sing Your Heart Out!

The Women in Math Undergraduate Committee (WIMugrad) will be having its termly Karaoke and Bubble Tea Night on Wednesday July 23rd from 6pm to midnight in the Comfy Lounge. (Don't worry, we Febreeze the couches first.) If you enjoy singing or bubble tea (courtesy of Sweet Dreams Teashop), or simply watching other people show off their musical stylings (or lack thereof), come on out and have a great time! Women and men in math are all welcome, of course.

WIMugrad S03

Conspiracy Theory of the Fortnight

This fortnight's conspiracy theory involves the seemingly innocuous Pure Math, Applied Math, and Combinatorics and Optimization Club, also known as the PMAMC&OC. I thought that the whole point of abbreviations was to make names and phrases less unwieldy, and one would think that Combinatorics and Optimization students could *optimize* the name of their club by making it shorter. What would be wrong with calling it the "Miscellaneous Math Club" or MMC. But I digress.

Individuals who have claimed to infiltrate the PMAMC&OC have stated that Pure Math students are secretly collaborating with those that may be able to prove that $P=NP$. They are using their funding to assist them so that the pure math applications will be proven to be useless and they will once again be able to do nothing but useless math. That is what they want. And they also seem to be colluding with the Computer Science Club to keep pop prices, but that's a different story.

How to Know There's too Much Construction on Campus

There is a lot of construction taking place on the University campus this term, but how do we know if there is too much? Here are a few telltale signs:

- You go to school early one day, and find a bunch of construction workers relaxing in the Comfy Lounge
- Students who can't afford housing are living beside the campus in a shanty town made from stolen construction materials
- Some stores at the University Plaza are now offering special discounts to construction workers
- All of the students who can't find co-op jobs for the upcoming term are given positions as grunt workers at construction sites around the campus
- The school implements a new mandatory school uniform: hardhats and steel-toed boots
- Construction workers drop in at the back of Sexuality, Marriage, and the Family courses during their lunch hour

Greg Maloney

MFCF/CSCF Split

Why is it happening?

One key change brought about by the creation of the school of CS is the separation of the school's budget from the main faculty budget. Though the school is still organizationally under the Dean's office, it has more independence than a department by having a separate budget. Computing support is important to the school and currently around 70% of MFCF operations support the school's interests. The school felt it made sense for it to have its own computing support environment that reported to them and not to the Dean's office, as MFCF does. This, from an organizational point of view, was only possible by forming CSCF. CSCF has already been formed. The first large project being undertaken by both MFCF and CSCF is the division of the teaching environment itself.

Resources

When the split was first discussed, many students shook their heads at the waste of money and resources. This was presumptuous. Only MFCF's standard Equipment and Operation Budget and nothing else has been used in updating equipment and hiring staff in the face of split. The time for new hiring in MFCF was right, though the split prompted the creation of a few more positions than would have been otherwise created. In total 3 positions were created by the Dean's office and 1 by the school.

It does however remain true that there will be two separate linked environments. It makes sense to keep the responsibilities of the two organizations separate, but I do not think the added complexity will directly benefit students. For example, you will only be able to directly check mail on CS machines if you are in CS and on Math machines if you are in Math, though e-mail to either account will be forwarded automatically to the correct account. The division of the environment goes only as far as required. CSCF isn't breaking ties with MFCF for the sake of splitting. Whenever they can work together they will. For example, the printing room and operator will still be common.

The Future

The feeling that the Math and CS computing environment has suffered from a lack of modernization is not a new one. Though the split does nothing to address these issues directly, it will allow flexibility for the school to invest directly in its computing facilities to bring them into the 21st century faster.

Conclusion

It is clear the computing environments needed for Math and for CS are different. Having a split between the groups does make a certain amount of sense. During the split they will not be needlessly divided. Every opportunity to work together will be taken advantage of. This move, though, will not directly benefit students. It will make the environment more complex to use. MFCF/CSCF is aware of this and are working hard to make it as painless as possible, but history shows there will always be problems. In the long run specialization of the groups could lead to a better computing environments from everyone's perspective.

For More Info: www.cs.uwaterloo.ca/cscf/splitmemo.pdf

Albert O'Connor

Ask a uwstudent.org Poster

Dear uwstudent.org Poster,

The other day I went out to a semi-formal dinner with my boyfriend. In the course of the evening, I happened to remark that he had a nice tie, and he seemed rather insulted by that. I meant it as a complement, but I think he thought I was being sarcastic. He hasn't spoken to me since. What should I do?

-Distraught in Dallas

Dear Distraught,

I meant it as a complement, but I think he thought I was being sarcastic.

Um, I think what you meant to say was "compliment," not "complement." The first is when you say something nice to someone, and the second is something that's used to complete something else. Get a dictionary, you loser, before you post stuff in public like that. Get a better username, too. What kind of stupid name is "Distraught?"

Dear uwstudent.org Poster,

I'm a follower of the Jewish religion, but lately I've been worried about the policies set by the state of Israel. I'm not entirely sure that they're doing what's best in the middle east. Because of my religion, I feel kind of guilty for not supporting them, but sometimes I just feel as though I can't. What should I do?

-Fence-sitting in Fredericton

Dear Fence-sitting,

Not another one of these anti-Israel posters! I can't believe that in this day and age that anti-semitism is so rampant on our campus. It's so wrong that our tuition money is going to fund ideas like these, and to spread anti-Israel propaganda on our campus. These kind of neo-Nazi ideas have no place on a university campus.

Dear uwstudent.org Poster,

Every Wednesday night, my friends and I would always chill out after classes at our campus pub. However, the pub was recently closed due to issues with the liquor license, and our weekly hangout has been lost. We haven't been able to find a suitable replacement since. What should we do?

-Dry in Delaware

Dear Dry,

This is just typical of the university administration to take a heavy-handed approach and compromise your autonomy like that. You know who's behind this, don't you? I bet it's Catherine Scott. I can't believe you're paying tuition to an institution that would take away your right to drink on campus. Bud Walker should resign. When I'm an alumni, there's no way I'll donate any money to this university. That will hit them where it hurts. Oh, yeah, and I'm going to make sure Maclean's knows about this as well. This debacle ought to knock us down a couple of spots in their statistical rankings.

Eigenvector

mathPERSONALS

Hot cheerleader looking for a tasty treat. Leaving country soon, would prefer a no-strings-attached relationship. I can cook, no motorcycle though, and I have one tattoo. E-mail: mathie_cheerleader@hotmail.com.

The Rise of Propaganda: How Laurier's Business School Trains Their Marketing Chimps

FlySpy coming at you from the Marketing Aerial Rotary Monkey Organization - Training Division (or MARMOT-D) of Laurier's infamous kamikaze propaganda chimps!

I suffuse myself in the shadows of the machinery that holds the eyes open of the terrified orangutans and panicked lemurs. I watch on as the marketing-tyrant-for-life, President Allan of the Laurier School of Business and Economics, and her second-in-command, Vice-President Buchwitz have perfected their assembly line scheme for perpetuation of the mass marketing campaigns that pull more students from Computer Science into the horrendously promotional world of business.

What does this entail? What horrifying scheme could possibly confuse our primate cousins into launching an ad war on their Darwinian relatives? The answer is...caffeine. Yes, caffeine. It's caffeine that hooked our fine, furry friends into Laurier's networking. It's caffeine that allowed the marketing department to ferret out the apes, gorillas, and their brethren to swoop in, riding on the backs of geese, to bomb their messages all over Waterloo campus, particularly on the roof of our beloved MC.

It all starts with branding. That's it, branding! The monkeys are each branded with their own names and learn to brand each other and everything around them, infusing the world with perceived value in the world's compost heaps! They overvalue business sense and undervalue logic and the mathematical, turning the lemmings of the world who once followed our elite MathSoc Executive to now stare ignorantly at ads such as those that "Just Proved Bench Advertising Works!"

Final Few Fun Frolicks!

Hey, it's your friendly neighbourhood social director with an update on the last few MathSoc social events this term. Enjoy the summer while it lasts!

First is the last cotton candy day of the term, on Tuesday July 15th. Come enjoy some fluffy sugary goodness on the third floor of the MC, outside the C&D. Only 75 cents each, or 2 for \$1.

The fabulous beach trip will be on Sunday July 20th! Catch the MathSoc bus up to Wasaga beach and spend the day enjoying the sun, surf, and sand. Get a bunch of friends to come, the more the merrier! Tickets (for the bus) are \$5, and will be sold the week of the 14-18th on the third floor of the MC. Space is limited (as busses have finite capacity) so get your tickets early!

The second Pints with Profs (held in conjunction with the CSC) will be on Tuesday July 22nd. Enjoy some food, conversation, and of course pints with your favourite profs before exams begin. It's your last chance this term!

Finally, it's the MathSoc Office Marathon. This is where we keep the office open for a week straight, providing valuable services such as the exam bank and 5 cent photocopying to all those night-owls in the MC, having fun, but mostly just because we can! Sign up for a shift on the MathSoc office door. If you stay for a night shift, there's food involved...

Diana Chisholm
Social S03

What fate does this strategy hold? You can hear of their rotten positioning for global domination by segmenting the staple groups of our holy math faculty. They will pull away our business majors first, followed by our accountants. Then, they will go for our actuaries, statisticians, and applied mathematicians. What of the rest? They will target computer science and software engineering majors to work the machines that further envelop the world in their overwhelming brand equity. And what of pure mathematicians? Unfortunately, their knowledge of pure mathematics is nil, and so, seeing no reason for pure mathematicians, they will subsequently execute rebel PMs and turn those unrebelling into monkeys.

In short order, Laurier will dominate and the math faculty will be little more than the floor boards the school of Business trod on....

...AHHHHHHHHH!!! THEY HAVE FOUND ME!! SAVE ME FROM THEIR TERRIBLE HANDS!! NOOOO!!!....

Eek, Eek! (translates to: banana! banana!) *Oooh ooh ooh eee ee!* (what are you staring at?)

MonkeySpy

Clubs Not Currently Approved by the Feds

Look for them at the next Clubs Day

Despite the large number of clubs currently recognized by the Federation of Students, there are still a number of conspicuous absences. In this article, we explore several potential new clubs to fill niches not yet filled.

WASP Students' Association: The WASP Students' Association, or WASPSA, provides an opportunity for students of white, anglo-saxon protestant backgrounds to meet others of like culture. Every term, WASPSA holds its famous "Oppression Festival" in which members celebrate their rich history of colonization and exploitation of other cultures. While past Oppression Festivals have featured events such as displays of ancient Egyptian artifacts, the centrepiece of this year's festival will be a parade of Sport Utility Vehicles powered by middle-eastern petroleum.

Campus Jihad for Allah: This club's mission is to spread the words of the prophet Muhammed and to win over other students to the faith of Islam. One of their more popular events is the distribution of free lemonade to passersby, along with complimentary quotes from the Qur'an.

Students for the Exploration and Development of the Rainforest: The SEDR is for students interested in exploring the uncharted rainforests of South America, and then building stuff on top of them. They host speakers who are helping to develop the rainforest, such as clear-cutters. This term, they are planning a field trip to tour one of the McDonald's beef ranches in Brazil.

Eigenvector

HukTon FoniX WuRkT FRmE

Lyrics for The U of P Theme Song

Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there
 Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there
 tons of virgins livin down the street
 those chastity belts are so hard to beat
 but they like to get drunk so buy them something to drink
 they'll pay you back another time
 tell the ho to get in line
 girls are smokin or so they say
 you gotta try and get some in any way
 and you know you'll get alot of play
 when you hit the U of P
 the girls all get down on their knees
 Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there
 Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there
 Strapped in the bed
 By a hot dominatrix
 How I got here I don't remember
 My sex therapist says
 It's good for me
 I'd do another cheerleader
 if she were clean
 Tell me why you wouldn't come here
 Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there
 Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there
 I wanna play
 I wanna play
 I wanna play
 I wanna play
 Tired of chicks who pussy fart?
 Come to the U
 where that won't start
 I say turn around and give
 the other hole a start
 The girls here blow my mind
 Are you blind?
 They don't just blow your mind
 Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there
 Take me down to the Pornstar U
 where the chicks are fly and they put out too
 oh won't you please take me there

profQUOTES

If your prof ever says anything funny, be sure to write it down in the margin of your notes and send it to *profQUOTES*. Once you have that nugget of wisdom from your prof, you can write it on a slip of paper and stick it into the BLACK BOX, between the comfy and the centre stairwell on the 3rd floor. Or if you're a tree hugger, you can e-mail them to mathnews@student.math.uwaterloo.ca. Now, on with the quotes!

"This is so easy that it's painful!"

Andre, MATH 136

"The 's' stands for screwed."

Vasiga, SE 240

"Here's another improvement, called 'add another restriction.'"

Vasiga, SE 240

"He's Dutch. Marijuana is legal in Amsterdam, so he can assume that there are no negative weight edges. Everything is happy."

Vasiga, SE 240

"Maybe I was in Amsterdam."

Vasiga, SE 240

"It's good to have empty sets around, in case you need to go somewhere. Lots of room to pack your luggage."

Vasiga, SE 240

"Welcome back to our continuing examination of the snobbery of twentieth century English literature."

Truscello, ENG 105A

"All the essay topics will be on books we've studied in class, because I wouldn't want you to learn too much."

Truscello, ENG 105A

"I guess you would call this 'extreme polish notation.'"

New, PMATH 330

[Deriving Law of Cosines]

"I don't know, I think I've completely blown it here."

Dickey, PMATH 360

"Ladies and Gentlemen, that's the first mistake I've made all year."

Dickey, PMATH 360

Too Funny to Be True

Monkey goes ape in pizzeria

BERLIN (Reuters)—An escaped circus monkey dropped into a pizzeria in a small German town and vandalised the ladies' toilet even though the owner had tried to pacify the animal with salad and rolls.

Franco Praino was standing in front of the counter in his pizzeria in the northern town of Lehre when "Lala", a 40 cm tall Rhesus monkey, entered through the front door last Wednesday.

Praino and a cook used lettuce to lure Lala into the women's toilet, where they fed the monkey rolls to keep it calm.

But Lala broke a vase on the window, then tossed all the paper towels in the sink and turned on the tap, flooding both toilets, the kitchen, and parts of the dining room.

UW Engineering Faculty Introduces Department of Imagineering

After a team of three engineering students from UW had placed first in Walt Disney Imagineering's Imagi-Nations competition, the faculty of engineering announced that it would create a new department. The design for a concept for a theme park ride developed by students Munira Jessa, Analene Go and Kimberly Tuck for the Walt Disney Imagineering competition inspired the faculty introduce the department of imagineering.

"Although there is no actual clear definition of what 'imagineering' is, we believe that this new department will make our already renowned faculty even more highly regarded," said the UW Dean of Engineering. It is expected that Disney, which developed the concept of "imagineering" and has a patent on the term, will provide millions in dollars in funding for the students in the imagineering program. "And we still are not sure of what to do with the money we received from Microsoft when we sold out (clears throat) er... allowed them to improve our curriculum."

"We understand that the actual applications of imagineering are somewhat limited, as Disney seems to be the only corporation that practices it. We also understand that even the students that enroll in the imagineering may not know what it is. And we also understand that our sissies (clears throat) Systems Design Engineering program has already stood out in terms of vagueness and lack of usefulness. But we will receive much-needed funding, and the program itself is very innovative, as I'm sure those at Disney who come up with these terms would say," said the Dean.

The program has been well-received by many members of the faculty, although it has received some criticism. Some members of the engineering faculty have referred to imagineers as "imaginary engineers," "imagi-nutcases," and the program's support from Disney has led to people calling it a "Mickey Mouse Program." Also, Disney has had to deny allegations that it would include subliminal messages in the course material. "The Disney-fication of our school now rivals the Microsoft-ization of it," said one student. "We should not allow our school to be controlled by major corporations."

Members of the engineering faculty have acknowledged that the implementation of this program is controversial, but will be worth it in the long run. "We are educating a new generation of

imagineers. Every aspiring imagineer will want to enroll in our imagineering program, as it will be truly imagineerific. Although we must still convince the Professional Engineers of Ontario and other similar organizations to allow imagineers to join them, we believe that the imagineerificness of our program will make us a leader in the field of imagineering," said the Dean.

Although the curriculum has yet to be developed, a tentative listed of courses has been developed. They include the following:

- IM ENG 100: Introduction to Imagineering
- IM ENG 110: Imagineering Applications (a.k.a. Imaginnovations)
- IM ENG 200: Imagineering and Disney
- IM ENG 220: Imagineering/Disney History
- IM ENG 330: Disney's Imaginventions
- IM ENG 340: The Future of Disney and Imagineering
- IM ENG 400: Disney's Philosophy
- IM ENG 410: Disney's Overall Strategy
- IM ENG 420: Fitting in with Disney's Overall Culture
- IM ENG 430: Why Working Anywhere Other Than Disney is a Mistake

Random Excerpts from Other Campus Media

UW Gazette

"...all hail the administration. Under the glorious leadership of our President, UW has reached new heights. We have just begun to crush the student rebellion against the closing of the bars, and soon our 5 year plan of turning this school into a factory for corporate automatons will be complete!..."

Imprint

"...blah blah blah sex, blah blah blah i'm as single as a slice of processed cheese, blah blah blah tainted love blah blah blah, need a man, BAD! blah blah blah my last name sounds dirty given what I write about blah blah blah..."

Iron Warrior

"...I hav so much stres, u wuld not evun belief it. Us her at IRon Wariur haf to poot out 5 wole issues over the term! That is lik une every tree weeeks. Boot seriusly I am soo sick of doing all dis writin. Enjoneers arnt ment to write english, al we need to doo is put numbors into eqwations to figuer stuff out in the rel woarld..."

AHSUM Newsletter

"...who really cares if we write this whole thing in MS word? When your faculty has more women than men, then you geeks can judge. By the way, we're having a BBQ instead of class on thursday..."

The Third Degree

"...TA money good, Grad fees bad, GSA good, Bush Bad, Independent theatre good, undergrads bad, funky recepies good, Thesis bad..."

Signs That UW Admitted Too Many Double Cohorters

- The DP now has a sign that reads "Dana Porter Village"
- The Math Frosh teams are now the Natural numbers
- The Dean trying to convince the fire marshall that "room capacities should really be more of a suggestion"
- The undergrad-over-prof ratio is no longer defined
- UW user id's are now the first letter of your first name, followed by your complete last name, your birthday, mother's maiden name, and your favourite colour
- A dozen people are expected to vote in the next FEDS election
- There are now 4 people enrolled in the Independent Studies Program

Ian W. MacKinnon

Ian W. MacKinnon

Metal 101:

Power Metal: An Easy Way to Get Your Dairy

Soaring through red skies on dragonback, dodging the spells of demon wizards as you spiral through the air; relishing in the rivulets of red blood that run down your blade as you vanquish the hordes of the enemy; stacking amplifiers upon a concert stage to a height that rivals the tower of Babylon, and producing a sound that will batter through any hearing protection; and, above all, the proud profession of faith in true **METAL**—These are the subjects that are most dear to followers of the school of power **METAL**! A power **METAL** band accumulates the weak and watered-down dregs of other genres of **METAL**, and churns them into bricks of rock-hard cheese from which the foundation of their music can be built. Composed of speed-**METAL** overtures, cloying ballads, and rousing **METAL** anthems, the sheer silliness of power **METAL** is a refreshing change from the angry, brooding nature of other genres of **METAL**.

The stereotypical excesses that are usually attributed to **METAL** bands—gigadecibal-level sound, leather clothing, medieval lyricism—are all embraced and even enhanced by power **METAL** bands. Your typical power **METAL** concert will likely involve hearing loss, but the sight of grown men in lamb hides, or even full plate armor, is well worth the sacrifice. While it may be difficult for some to take the subject matter of power **METAL** seriously, it is undeniable that the school attracts some incredible musicians. Guitar solos and instrumental pieces produced by power **METAL** bands are usually unrivalled by works from any other school, with the possible exception of the school of progressive **METAL**.

New Phone Extensions

The university has recently announced that the current 4-digit extension system currently used is almost at its limits and is going to switch to a new 5-digit system. Starting in September, all extensions will be 5 digits instead of the current 4.

Many groups on campus have already requested new 5-digit extensions, including the following:

- **Ian VanderBurgh** has requested the extension 11235 so as to maintain his Fibonacci sequence phone number.
- **UW Food Services** has requested the extension 32863, which spells "eat me."
- **ASU** has requested 00017 because they don't think arts students can count higher than that.
- **Larry Smith** has requested the extension 32669, Econ X.
- **Dean J Alan George** has requested the extension 53294, which translates to "J Dawg"
- **President David Johnston's** new extension will be 97739, or "Z Prez"
- **mathNEWS** has requested the extension 66397, so that we can create a new slogan, "just dial M News"
- **Imprint** has been assigned the extension, 29473, which can be easily remembered as "A Wipe"
- **Catherine Scott** has demanded the extension 78336, as she believes she is Queen of the University
- **John Irving** has asked to receive 83337, because he is feeling exuberant.
- After recently becoming a father, **JP Pretti** has requested the extension 32339, because he's a good daddy.

Always silly and often misogynistic, power **METAL** is something of an acquired taste for many. However, those who are versed the school of power **METAL** cannot help but break out into a goofy grin at its sheer cheesiness.

As usual, here are some tracks to usher you into the genre.

- Manowar—Brothers of Metal
- Manowar—Power of thy Sword
- Hammerfall—Heeding the Call
- Rhapsody—Emerald Sword
- Stratovarius—Black Diamond
- Mob Rules—Eyes of All Young
- Blind Guardian—...And Then There Was Silence
- Gamma Ray—Heavy Metal Universe

Mike "by fire and magic I am sworn" DiBernardo

Last Issue's Grid Solutions

Cryptic

1	R	U	B	B	E	R	N	E	C	K	E	R		
	N		A		E		R		L		E			
8	O	D	O	R	I	F	E	R	O	U	S	L	Y	
	E		E		R		O		X		Y			
	R		S		9	E	A	R	10	S				
	11	D	I	K	E	S			12	O	V	A	R	Y
		O	I		15	H	I	16	P		O		I	
17	A	G	O	N	18	Y		19	L	A	Y	U	P	
					20	E	C	R	U		A		O	
	22	T		23	E		H		M		G		S	
24	S	H	O	R	T	O	F	B	R	E	A	T	H	
		A		G		N		E		U		E		
25	W	R	O	N	G	A	D	D	R	E	S	S		

Conventional

1	T	E	M	P	E	R	A	T	U	R	E	S		
	M		O		E		R		O		U			
8	C	O	R	R	E	S	P	O	N	D	I	N	G	
	T		R		T		U		S		G			
		I			9	O	A	T	10	H				
	11	O	R	D	E	R			12	I	N	D	I	A
		N		G		15	E	A	16	R		E		N
17	A	S	H	E	S				19	E	D	G	E	S
					20	O	V	A	21	L		A		T
	22	A		23	P		O		E		T		I	
24	O	R	G	A	N	I	S	A	T	I	O	N	S	
		E		T		C		S		V		C		
25	A	C	H	I	E	V	E	M	E	N	T	S		

mathNEWSquiz

It's easier this time! We promise!

Another week, another squiz. This one's pretty long. We're not going to talk much. Nice weather, eh? Oops, sorry. And now, the answers: **Harry Potter and the Order of the Phoenix:** 1) Umbridge 2) Metamorphmagus 3) Occlumency (Bonus: Remedial Potions) 4) Prophecy 5) 2 **Stuff on Craig's Desk:** 1) CD 2) *The Trial of Henry Kissenger* 3) *Apocalypse Now* 4) Joystick 5) Sid Meier's Alpha Centauri **Stuff on Eric's Desk:** 1) Dr Pepper 2) *Love Hina* (Bonus: Hinata-sou) 3) Um, I messed this one up. All reasonable answers correct. 4) *The Long Dark Tea Time of the Soul* 5) Telephone **Song Lyrics:** 1) Honeysuckle Rose (*not* by Eva Cassidy. Sheesh, stop using the Internet to get your answers) 2) Pink Floyd, "The Trial" 3) Rage Against the Machine, "Sleep Now in the Fire" 4) Sarah McLachlan, "Mary"

Well, this may come as a shock, but the winner of last week's squiz was Lino 'π' Demasi with a (near) perfect score. Also posting an excellent standing and each losing by only a single question are William Somers and the Anti-Lino League. My regrets to the league, you're just not anti-Lino enough. Anyway, reigning champion Lino can pick up his \$5 C&D gift certificate from the MathSoc office is and when the Production Manager remembers to put it there.

Even though Lino's won every squiz this term, we guarantee that the squiz is *not* rigged. Without further ado, we present the first category:

Lino Demasi

1. What MathSoc executive position does Lino hold?
2. What is Lino's nickname?
3. What term is Lino in?
4. What is his major?

Seriously, though, here are the *real* Squiz categories. We've received comments that the Squiz is too hard, so it's easier this time.

Easy Four-Letter Words

The answers to each of the following questions are all four letters long, and can each be obtained from the previous answer by changing a single letter.

1. What is a common result of an exothermic oxidation reaction?
2. What is a commonly-heard expression among amateur golfers?
3. Supposedly, a night in one of these military buildings lasts two weeks.
4. American ships were in this when the Japanese bombed Pearl Harbour.
5. What is a name for someone who writes, but not prosaically?

Easy Hometowns

Identify the city in which each of the following people were born.

1. Errol Flynn
2. Jean Chretien
3. Shania Twain
4. Lino Demasi

gridNote

Just a quick apology to Rodney Milligan, Rodney was actually the winner of the gridWord from two issues ago. Sorry about the lack of ability to tell which of two numbers is greater.

Easy Multiple Choice

Who was the first president of the University of Waterloo?

1. Dana Porter
2. Joseph Gerald Hagey
3. Douglas Wright
4. Carl A. Pollock
5. Ira G. Needles
6. Robert J. Student-Life-Centre

Where on campus is the office of Simon the Troll?

1. On the sixth floor of the MC
2. In the Student Life Centre
3. In Needles Hall
4. Under the Laurel Creek Bridge
5. In the William H. Tatham Centre for CECS

Select the correct answer from the following:

1. Answers 2 and 3
2. Exactly two of the below
3. Exactly one of the above
4. None of the above
5. All of the above

Easy Song Lyrics

Identify the name of the song, and the performer(s)

1. I wake up to the sound of music
Mother Mary comes to me
Speaking words of wisdom, let it be.
Let it be, let it be, let it be, yeah let it be.
2. Sweet surrender
Is all that I have to give
3. Look at the stars, look how they shine for you,
And everything you do, yeah, they were all yellow.
I came along, I wrote a song for you,
And all the things you do, and it was called "Yellow."
4. Call me, Call me
Let me know you are there
Call me, Call me
I wanna know you still care

Submissions are due by 6.30PM on July 21st by email or in the BLACK BOX

Masters of squizmastery Eric and Craig

Bonus Prof Squiz

Okay, it's the moment you've all been waiting for! The three true statements about profs in the last issue of *mathNEWS* were:

- 4. Stephen New speaks fluent Thai.
- 7. Robert Andre was detained once at Pearson Airport because the authorities thought the PMATH department laptop was a bomb.
- 15. Keith Geddes is one of the co-founders of Maple.

Okay, we had a total of 3 entries, but sadly none got it quite right. However, congratulations to Peter Wood, David Taylor, and Jonathan Robinson, each of whom got 2 of the 3 correct.

Ian W. MacKinnon

gridCOMMENTS

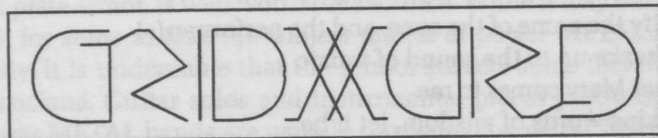
Last issues grids got us the most submissions so far this term, and also the biggest tie. In a 5-way tie for the conventional prize is Jos K, Sophie Lee, Ryan/Jason, Leander Quiring, and the ever-present SJU Crew, who all got 24/25, while Amanda came close with 23/25. Sorry, but 'sang' (of obscure origin) isn't the same as 'sung' (uttered in musical tones). Hey, I'm just as surprised as you are...

Where was I? Oh yeah - the tie for the cryptics is between Peggy Wong and PMATH URA's, both with a perfect 25/25, while SJU Crew only got 16/25.

Since we can only have one winner for each, we had to come up with some way to settle this - smacking the random number generator on the back of Ian's head (try it!) gave us a 97, and $97 \bmod 26$ is 19, and $19=S$, so Sophie Lee and PMATH URA's (both closest to SSS) can pick up their prizes in the MathSoc Office (MC 3038).

Be sure to submit your solutions for this issue to the BLACK BOX (or email to mathnews@student.math.uwaterloo.ca) by **Monday, July 21st, at 6:30 pm** for your (now completely random) chance at a \$5 Gift Certificate for the C&D and free mathNEWS issue.

Krease



The Cryptic Clues

Across

- 7 Feast I prepared for party (6)
- 8 Sailor and weaver blossoming (6)
- 9 Pole in asparagus (4)
- 10 Happy? Mix-up fills bus (8)
- 11 Anger about following good person is peculiar (7)
- 13 New punks have spirit (5)
- 15 Enchanted lettering (5)
- 17 Grid 99 in coffee (7)
- 20 Advance publicity precedes giant girl (8)
- 21 Deficit if taken from shattered fossil (4)
- 22 Neighbours? Gone away, confused by pride (6)
- 23 Reporter is deadweight (6)

Down

- 1 Clingy mollusk let imp inside (6)
- 2 Confectioner's sugar holds back the old country (4)
- 3 What to buy cole slaw with (7)
- 4 Is so a new haven (5)
- 5 Renovates top-shelf brothel (5-3)
- 6 Tower editorial (6)
- 12 Parable on outskirts of alleged story (8)
- 14 Sheriff of planet Hal (7)
- 16 Absorbent stew, or soup? (6)
- 18 Personalized tradition (6)
- 19 Badger buried in waste as expected (5)
- 21 Missing initial slack (4)

The Conventional Clues

Across

- 7 Dozing (6)
- 8 Halted (6)
- 9 Tessellate (4)
- 10 Making (8)
- 11 Analysed (7)
- 13 Discovers (5)
- 15 Tap (5)
- 17 Excavating (7)
- 20 Frightfully (8)
- 21 Lure (4)
- 22 Softly (6)
- 23 Note (6)

Down

- 1 Garment (1-5)
- 2 Simple (4)
- 3 Variety (7)
- 4 Hurry (5)
- 5 Stealing cattle (8)
- 6 Slanted (6)
- 12 Adorn (8)
- 14 Two-wheeler (7)
- 16 Required (6)
- 18 Rackets (6)
- 19 Conforms (5)
- 21 Sonar critters (4)

