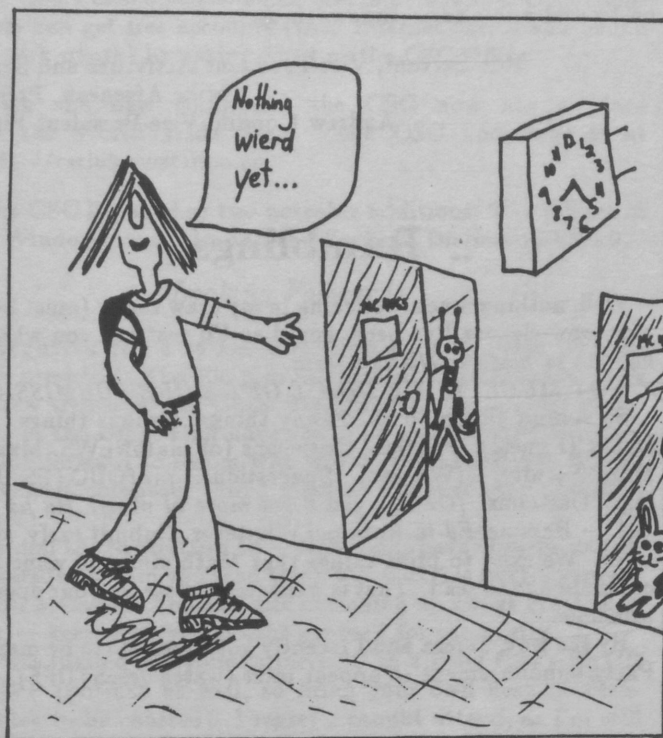
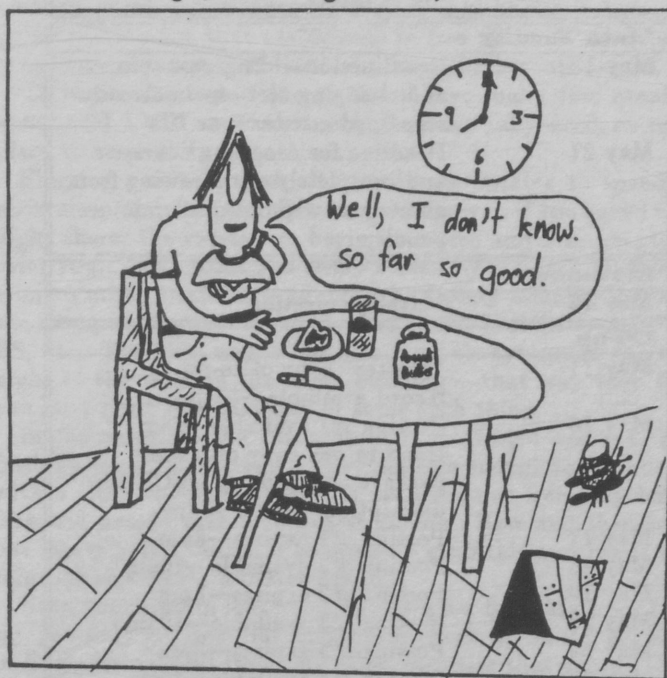


math NEWS

Volume 65, Issue 1

Friday, May 13, 1994



We need a cover artist!

lookAHEAD

mathNEWS	
May 24	Issue #2 production night 6:00pm, MathSoc (MC 3038)
May 27	Issue #2 hits the stands—hard
June 6	Issue #3 production night 6:00pm, MathSoc (MC 3038)
June 10	Issue #3 hits the stands like a ton of bricks
Math Faculty	
May 13	Deadline for adding new courses and changing sections in already- scheduled courses
May 27	Deadline for dropping courses and completely withdrawing from all courses without academic penalty
MathSoc	
May 16	MathSoc meeting
Co-op	
May 11	"Master" copy of co-op record available—10am
May 16	Posting #1 available—9am Hand in one copy of resume package and pick up CECS job descriptions—after 11am
May 17	Posting #1 expires—8pm
May 18	Posting #2 available—10am
May 19	Posting #2 expires—8pm
May 20	Posting #3 available—10am
May 24	Posting #3 expires—8pm
May 25	Posting #4 available—10am
May 26	Interview skills workshop— 9:30–11:30am
	Posting #4 expires—8pm
May 27	Posting #5 available—10am

HEY ALL '95 GRADS!

If you haven't signed up for your graduation pictures yet, you can still sign up today on the 3rd floor between 10:00am and 3:00pm in front of the display cases. After this week, if you still haven't signed up, you can do so on the bulletin board next to the MGC office. If you're here in the Fall, you can sign up then, otherwise this is your only chance to get into the composite and yearbook.

Here's the information again:

Date: May 31 - June 6
Time: 8:30am - 4:30pm
Place: Central Photographic Room 232
(By security building)

Composite Fee: 20.00 (pay at the session)
Photographs by: Jostens

Look on the MGC door (MC3029) or other mathNEWS issues for upcoming MGC events.

Richard Dault
x6659

Exec Speaks

Welcome to Spring '94! Well, its a new term and life looks good. First lets get all the icky stuff out of the way... Club budgets are due today Friday the 13th (wooo), see Andrew Goodin in the exec office. Class reps... we need em... lots of em! At the time of this writing we need:

Year	Needed
1N	1
2A	1
2N	2
3A	2
3B	2
3N	2
4A	2
4B	1
4N	2

Hopefully by the time you read this the MathSoc office will be open consistently, but somehow I really doubt it. So why don't you come out and sign up for an office hour.

Great, now that we got all the icky stuff out of the way why don't I let you know what we intend on doing this term. As usual we will have bridge and eucher tournaments, movie nights, and outings (wouldn't a Stanley Cup game be great). Among the other things this term Magic: The Gathering tournaments, twister day, and anything else a mind with nothing to do can think up.

Please keep in mind that all these events depend on your participation. Let's all get together and have an excellent term!

Approachable! Yup that's what we are (the exec that is). We want you the average math student to come and talk to us about... well about anything. Our door is always open, so come on by and waste some time with us.

Ron Servant, Vice-President Activities and Services
Mike Arseneau, President
Andrew Goodin, Vice-President Finance

Ramblings

Well, nothing much is sticking in my craw today (must be that new craw-cleaner I've been using) so I'll just tell you what will happen in mathNEWS this term.

NOT MUCH, IF WE DON'T GET MORE SUBMISSIONS!!

So submit things to us. Funny things. Serious things. Math things (I guess). Puzzles. Criticisms (of mathNEWS, MathSoc, Math Faculty, U(W), etc). Suggestions. profQUOTES. Drawings. Cartoons. [Or else you'll get more of mine! Ha ha ha ha ha! — HammerEd-in-training] Whatever. Submit early, submit often. We exist to print things that Math students want to say or would like to read. That is our sole purpose and our operating principle.

By the way, Teresa and I recently got engaged (to be married). Party announcement to appear later (watch freeSTUFF).

Fuzzy

MathSoc lockers are
still available



Computer
Science
Club

A Student Chapter of the ACM

CSC Flash

Success!

Greetings fellow oxygen-exchangers! Many of you are returning from the Winter work-term, and may be out of touch with what the CSC has been up to.

- If you have been reading newspapers, you will have heard of the newsgroup ban at the University of Waterloo. The ban has been carried through, despite logic, politics and petitions. A forum was held to discuss the ban, and spread understanding to opponents and proponents of the ban. The forum is available on videotape in the CSC, as are the second run of our "It doesn't have to make sense, it's University Policy" buttons.
- Our comrades-in-RAMs who went to do battle at the ACM Programming Contest came home with first place honors! Congratulations to the fellows who were still able to use vi with a C++ compiler designed for Windows. The trophy is boldly on display between the C+D and the Comfy Lounge.
- Project Calum has borne fruit, with the return of `csclub.uwaterloo.ca` in its present incarnation as a Sparc-Server 10/41. I'm flattered that they also named it after me (as `calum.csclub.uwaterloo.ca` or `129.97.134.11`). CSC members can get free accounts (with Internet access and 500kb of disk quota) by asking for it at the CSC Office.
- With the new computer, the CSC now has a place on the World Wide Web. The CSC homepage is at <http://csclub.uwaterloo.ca>.
- The CSC library has two notable additions: The full set of X Windows manuals, and the Hacker's Dictionary v3.0.0.

Looking Forward

The executive for S94 has been elected, with Peter Grey as the new president, Kivi Shapiro as the new veep, Stephen Mills as the new treasurer and Grant McArthur as the new secretary. The rest of the Office staff have yet to be appointed as of today, but I look forward to seeing who will be the newest Sys Admin of our newest computer (did I mention yet that they named it after me?).

Our usual Introduction to UNIX talks have already started (the Thursday before you read this), but part 2 is next Thursday at 4:30 in MC3022. Another talk is coming up about Fractals in Physics — keep your visual orbs exposed for the posters.

Dale has invited everyone in the CSC to a BBQ that's BYOB and RSVP (potluck as well, so bring your own flesh or flesh-substitutes to be charred). I regret I cannot attend, as I'm still here in Singapore. They've got a fabulous compression algorithm, but they asked me for help in extracting 2 Mb from 16 bits...

Calum T. Dalek
Chairbeing

It has often seemed to me that if one were to try hard enough, one could live at U(W) without ever having to provide for food or shelter. This term, I intend to try to demonstrate this, but I will need your help. This column will consist of listings of events which are offering free refreshments on or near campus, in the belief that if one knew of all such events happening you could gain all subsistence from them. So if you are aware of such an event, let us know and we will publicise it here. The only criterion are that attendance is free and not restricted to members-only, and that there are free refreshments served.

To begin the term (since I don't have many free events to announce) I will show that you don't actually need to rent a place to stay while on campus.

Sleeping areas abound. It is quite acceptable to spend the night sleeping in the Comfy Lounge. However, if you spend every night there, the caretakers begin to notice and may eventually evict you. This problem is easily solved by rotating to different lounges around campus — tonight the Comfy Lounge, tomorrow the Campus Centre, the night after in BC Matthews Hall, then ES, etc. The best way to do this is to always spend the same night of the week in the same building — that way they think you have a lab due that day or some such thing.

In the morning, you can grab your PAC card and take a refreshing shower in the PAC. They are nice enough to provide you with a clean towel, and there is usually some free soap left by forgetful people with 8:15 fitness classes. Now and then someone leaves half a bottle of shampoo — grab this and use it until someone else leaves a better brand.

Keep your stuff in lockers. Sign out a few from MathSoc (they say you only get one, but they never check up on it), get a few in Engineering, and from any other faculties that supply them. If they won't officially give you one, just wait until a week into the term and put your lock on an unused locker. (The Rolls-Royce of this method involves having a copy of the Master Key — "steal" an office from a professor who is away on sabbatical.)

Umbrellas and blankets are provided free for needy students every Wednesday by the Gazette. They distribute them to baskets all over campus.

Do laundry by going into the residences, watching until someone leaves their machine unattended, and then adding a few articles of your own clothing. When they take the stuff out, you just say, "hey, those are my pants, how did they get in there? Go figure!"

And of course, watch this column for tips on where to get free food. One place you can often count on is the C&Ds, who often give away leftover items as they are closing.

And for free entertainment, read *mathNEWS*!

Free Fuzzy

ISSN 0705-0410

mathNEWS is normally a fortnightly publication funded by and responsible to, but otherwise independent of, the Mathematics Society at the University of Waterloo. Content is the responsibility of the *mathNEWS* editor; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or *mathNEWS*. Produced with *plATmN*, including the new on-line layout facility. Send your correspondence to: *mathNEWS*, MC3041, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1, or to `userid@mathnews@undergrad.math.uwaterloo.ca` on Internet.

Editor: Erich "Fuzzy" Jacoby, Dale "notasquare" Wick

PMC&OC Speaks!

You can't keep a good club down

Once again it's time to begin another fun-filled term with your very own Pure Math and C&O Club. You can't have a club without an exec, of course, so here's the club executive for the Spring 1994 term:

Todd Parsons	President
Peter Milley	Vice-President
Kevin Takahashi	Secretary/Treasurer/God-Emperor

What has this exec done so far, you ask? Besides cleaning up the office, we're starting to organize co-rec sports teams. A PMC&OC broomball team is already in the works, and we're hoping to put in a volleyball team too. Come on down to the club office (that's MC3033) if you want to participate; by the time you read this our office hours should be fairly regular.

One final note to all of you 1B students out there: we want to gear our talks this term more towards you, the new students. So we're going to try to give talks this term at a level you can understand and enjoy without getting a Masters degree first. (Some of our recent talks have been kinda arcane; that is, the execs didn't understand them either :-). If we can do this, you'll enjoy the club more, and we'll have eager new volunteers to carry on the club traditions after Tak finally refuses to "volunteer" any more.

So look for our posters, and come on out to a PMC&OC meeting near you!

Peter Milley
PMC&OC ambassador to mathNEWS

Top 10 Compliments That We Could Do Without

10. I'm impressed! Most men would have passed out from the pain!
9. Thank you for taking my infidelity so well.
8. Traditionally we name our diseases after the first patient to contract it. So this one will bear your name!
8. I know others think you're a coward, but I think you just have a well-developed sense of self-preservation.
7. You're the absolute best when it comes to identifying mam-mal excrement!
6. I've always lived in awe of people who pierce their fingers.
5. Those are the squarest breasts that I have ever seen!
4. C'mon, how many people can say they've been shunned by the Amish? Damn few!
3. Due to your excellent work, we're going to promote you to Head Burger Flipper!
2. You would definitely be attractive to me...if you went through with a sex change operation.
1. I think you'd make a great Imprint editor!

Mike "Olympically throwing a Hammer" Hammond

MEFCom is Here!!

The Endowment Fund is here. Barely.

You know that thing you got in the mail in mid-January from the feds about 80% of which you threw away? Well, there was sufficient support, when included with the on-campus votes, for the Mathematics Endowment Fund to become a reality. The question now is, where do we go from here?

First of all, I would like to address the concerns of those people that voted against the Endowment Fund. If you do have a problem with the idea of an Endowment (apart from I don't want to pay the money), please get in touch with me through e-mail, or leave a note in MathSoc. A couple of tidbits along this line that I found out too late were not being effectively advertised: the Endowment will not only grow from student contributions, but also from Employer Matching Contributions, and Alumni Donations. In Engineering (which is the model on which we are patterning our Endowment), both their EMC and Alumni Donations are almost the same size as the student donations. This means, in Math, that for every donation YOU make, you are really donating three times as much. This means that for someone entering University in Fall, interest from their virtual donations will be approximately the same as the value of their donations. Neat eh?

Secondly, we have to contact several large businesses (computer companies, life insurance, etc.), and inform them of our plan, and invite them to come on board. This plan is currently in the works, and letters should be going out soon (hopefully).

Finally, the constitution has to be finalized and approved by the Board of Governors on June 7th.

The Endowment Fund will officially get rolling in Fall of this year, and hopefully it will not take too long to get everything in place to start seeing some real benefits from it.

Thank you to all of you who voted yes, and to Chris, Fuzzy and Vic who gave it their best, and to those who voted no and let me know why.

If you want to help out in these initial stages of getting things set up, please contact me at esutherland@undergrad.math.

Onward! Into the future!

Eric Sutherland
Co-Founder of MEFCom

Nothing

This is the first issue of mathNEWS which I've edited. It's a weird feeling to finally be the person to turn to to ask for that good old editorial approval. With respect to submissions, remember in the summer there's less competition to get good articles printed. For this volume I want to add more photographs, so if you have any pictures for mathNEWS, bring them to writer's night, I'd be happy to print them.

This is the summer term, and with the summer comes parties. The fun new executive assures me that this will be one amazing term. I'm looking forward to it.

Dale "notasquare" Wick

Submit your articles, pictures
and poems to mathNEWS

The Oracle's Advice column

Reduce, Reuse, Recycle!

Where the hell were you during the Winter?

mathNEWS reader

Hey, even omniscient beings need to make money. I'm not omnipotent, after all. If I got some sacrifices from people as in the old days, then I wouldn't need to be at the drive-thru window at Wendy's for three months. Anyone who wishes to make a charitable donation (virgins, meat but not fruit, a quiet dinner with an attractive person, the head of Orpheus, you know — the usual) can leave their donation in the BLACK BOX, in care of the mathNEWSeditors for the Oracle.

Aiigh! I get back from my work term and I can't read my favourite newsgroup: alt.evilmisogynistic.bastard.kill.kill-kill.binaries.d! Will I have to repent my ways now and become a respectable member of society? Will I have to realize that men and women are equals? Will I have to stop masturbating?

Ted Bundy Fan Club

Hey, hey, calm yourself and put down that bible. If you still want to read the banned newsgroups, you can get an old issue of mathNEWS, or Imprint, or try my suggestions. The easiest way is to telnet to a BBS that carries your favourite k12.blood.violence newsgroup, such as the one at bbs.oit.unc.edu. The other easiest way is to get your newsfeed from another server by putting this line in the appropriate place in your .cshrc file (for math undergrads): setenv NNTPSERVER remote-site, where remote-site is a server on the Internet you can get a newsfeed from. To get your pornographic pictures, you'll need to... wait, sorry. That newsgroup hasn't been banned yet. You may continue masturbating.

I just got the "Voodoo Chain Letter." Aren't chain letters illegal in Canada?

name withheld by request

Well, that depends on who you talk to. The federal government's laws against chain letters were intended to prevent wasting the resources of Canada Post, and to protect idiots from getting into a pyramid scheme. MFCE, however, once made it known in the motd (Message of the Day) that anyone caught propagating chain letters would have their accounts removed. As was indicated to me (and a horde of other people) by an obnoxious Microsoft employee, the "Voodoo" good luck is useless anyways because it asks the reader not to sign it, yet email will always have a header "signature" on it.

Apologies to my friend Dr. Science, who was referred to as Dr. Stupid in my last column due to an editing error.

The mathNEWS Oracle

"The weather man is an idiot every day."

W.C. Corning, Psych 101

Signs of the Times

I knew the world was going to pot, and now I can prove it. I mean, I can live with the way our fee statements weren't sent out on time. I can handle the fact that there were no decent electives offered this summer. I can deal with the lineups I'm forced to go through every single term (heck, they're traditional). I can cope with the way *uw.general* was filled with 1000 articles on how Easter is nothing but Christian terrorism. I can handle the fact that "Star Trek: TNG" is having its last episode. I can even handle the fact that they're bringing back Denise Crosby for that last episode (Hey, I see a work report there: "Denise Crosby: a Case Study in Bad Career Decisions").

But you know things are bad when an article like this gets into mathNEWS.

Peter Milley

PS: By some miracle, I got into JAPAN 101 this term. So to the 110 other people who tried but didn't get in, I'd just like to say NYAAH NYAAH.

GINO'S PIZZA

Try a little bite of Italy

747-9888

160 University Ave. W.
Waterloo

The official pizza of mathNEWS

Large Pepperoni Pizza

\$4.99 plus tax

Special with Coupon

Pick-Up Only!

Expires May 20/94

SLICE & POP

\$2.35 plus tax

Pick-Up Only!

Expires May 20/94

profQUOTES

- "Once a term I have to do it or you won't think I'm human."
Marshman, Math 235
- "We usually give you a hint and say, 'Hey, psst! This is NP-complete!'"
Ebergen, CS 360
- "Sure you could say that. But how many marks would you get? Zero."
Best, Math 138
- "I'm ashamed to put this on the board but..."
Dickey, Math 235
- "I want a three dimensional body."
Best, Math 138
- "It does require a certain degree of eyesight, or insight, I don't know."
Younger, Math 136
- "It seems like it's Campus Day today. Do me a favour. Take these kids aside and tell them the truth about this place."
Ragde, CS 134
- "This function has a life separate from the curve it lives on."
Forrest, Math 138
- "So what have we got here? We've got a board full of numbers that'll impress the bejeebies out of the people in the hallway."
Furino, C&O 351
- "You know, sometimes I'm amazed I got a degree."
Furino, C&O 351
- "If you have a weak heart, you'd better leave because this stuff will excite you so much."
McGee, AM 343
- "If you like it in one dimension, you're going to LOVE it in k dimensions!"
McGee, AM 343
- "Holy smokes! I was having so much fun!"
MacKay, Stat 450
- "I have big ears."
MacKay, Stat 450
- "And at no time did my fingers leave my hand."
MacKay, Stat 450
- "Type IV Error: when you don't laugh at the professor's bad jokes."
MacKay, Stat 450
- "...and here's a tunnel-boring machine. Back in the good old days you'd have bands of Irishmen doing this sort of thing."
Franklin, Earth 438
- "Now what have we got here? I'm not going to be able to draw this at all."
Forrest, Math 138
- "If you can draw this saddle point better than me, then don't be too proud of yourself."
Forrest, Math 138
- "Do you ever measure yourself first thing in the morning?... your HEIGHT I mean!"
Lanctot, CS 436
- "I'm not turning this into a course on Pure Math. I might fail it."
Springer, Stat 230
- "Maybe you have more insight than I do, but the first time I saw this I had no idea what I was doing."
Springer, Stat 230
- "I'll write down the most sober one."
Springer, Stat 230
- "That's a good feeling. I hope you have similar feelings in the final exam."
Ebergen, CS 360
- "There was a lot of alcohol flowing when I was in university. I belong to the 'Wet Generation'."
Faber, Clas 302
- "I've moved you from Newfoundland to downtown Toronto."
Faber, Clas 302
- "He has three daughters who were all women."
Faber, Clas 302
- "They live in Corinth, like Imelda Marcos. No 40,000 shoes."
Faber, Clas 302
- "...heroes and heroin..."
Faber, Clas 302
- "Are you emotionally prepared? You learned last year there's an X, you learned this year there's a Y ...and yes! There's a Z!"
Best, Math 138
- "You missed it! I was so excited I ripped my pants!"
Struthers, MATH 138
- "If your dog is hungry, take out a gun and shoot the dog. You've solved the problem, right? The dog is no longer hungry."
Centore, PHIL 100J
- "Isn't arts kind of the wastebasket of the university?"
Centore, PHIL 100J
- "I hate calculus!"
Vanstone, MATH 136

- "We're in fluid here."
Corbett, PHYS 122
- "Not that it's important, but it's good for your education."
Vanstone, MATH 136
- "Grab and squeeze, okay."
Smith, ECON 102
- "Farmers are trivial."
Smith, ECON 102
- "Let me show you what I can do with this vacuum."
Smith, ECON 102
- "Screw it and put it away because it's squirting you so much."
Smith, ECON 102
- "I was playing with Maple this morning...it's like Sesame Street for adults."
Vanstone, MATH 136
- "It's important to have an off-site backup in case someone nukes your office!"
Beatty, CS 230
- "Gauss developed this in public school, I'm not trying to make you feel bad or anything..."
Vrscay, MATH 138
- "You've been such a great class - ha ha - and I'm the Master of Sarcasm!"
Vrscay MATH 138
- "How many people believe that the sun rises & sets?"
W.C. Corning, Psych 101
- "The person barfs for a few days, but then he's riding a bicycle."
W.C. Corning, Psych 101
- "What causes crime? ...Laws."
W.C. Corning, Psych 101
- "Here we have a distribution curve. In the middle is an I.Q. of 100. Out here's a guy reading 5 or 6 books a week, while over here is a guy reading a sentence a week."
W.C. Corning, Psych 101
- "A neat trick about a frog is you can rotate its eyeball."
W.C. Corning, Psych 101
- "Students who attend all the lectures do well on the exam...I don't know why."
Nicholas, E&CE 231
- "Now comes the part where you and I are going to differ."
McKiernan, AM 333
- "Don't let me make an idiot of myself. Correct me."
McKiernan, AM 333
- "Take my work for it. I've done it three times and come up with the same answer twice."
McKiernan, AM 333
- "What's the point of the lecture? The point of the lecture is: forget all this. Start again from scratch."
McKiernan, AM 333
- "This is a crazy geometry. But it's not a stupid geometry. The other one was stupid."
McKiernan, AM 333
- "The problem is: you only get half a T.A. in this course. So, I'm going to give you a whole T.A. every second week."
Morris, AM 353
- "Typically, we don't see you until after the exam."
W.C. Corning, Psych 101
- "I don't know how much they're offering but I think there's probably an alcoholic special."
W.C. Corning, Psych 101
- "The brain seems to be a bowl of chicken soup. You can just stir it around and it keeps functioning."
W.C. Corning, Psych 101

mastHEAD

Welcome back to the oh-so-glorious University of Waterloo for yet another term! What's changed since you left? Well, there's a permanent party going on behind that fence around the CC, and you're not invited. Also, a newsgroup or five got banned, reaffirming the University of Waterloo as a bastion of free thought and free speech! And what else? Why, *mathNEWS* has a new staff (sort of), of course!

Thanx to everyone who came out and helped make this one of the most pitifully-short issues in recent memory! (Just kidding, we appreciate the effort!) Everyone who showed up and scarfed pizza (with their favorite thing to do on Friday the 13th): Philip Hunter (Pick my nose, then imagine how scary my boogers would be if they grew 1000x their size.); Ian Goldberg (Delete all programs from the system except for vi and perl.); Moses Moore (Spam Usenet with 'thought' pipes and offers for a free Green Card.); EC "Slave Boy" (Take ALL the Magic cards in the world and have a BIG bonfire.); Peter Milley (Collect black cats.); Mike "Hammer" Hammond (Advise John Bobbit's new fiancée to simply cut along the dotted line!); Ron Servant (Come back from the dead and make yet another movie.); Stephen Mills (Sleep all the way through (just like any other day).); Jillian Arnott; Victor Wiewiórowski (Have a a.s.b party.); and Steve White (Pester people with silly words like Triskaidekaphobia.).

Fuzzy (Watch the exciting season finale of The X Files.)
Dale "ñotasquare" Wick (Seem extra sinister to be lefthanded)

The Y₀ Files

Agent Phlox Duller walked into the Y₀ File branch of CSIS (Canadian Secret Intelligent Service) and greeted Agent Drains Scummy.

"Morning, Duller," said Scummy. "What fascinating new Y₀ File have you brought for me today? Another sighting of Big-foot? Or the Abominable Snowman? Or competent MFCF staff?"

"Nope, this time we've got an original concept. We're going to investigate reports of possession at the University of Kitcherloo."

"Demonic possession? Oh, please, Duller!"

"No, not demonic possession. Magic possession!"

With that the weird theme music started up. "Do we really have to listen to that?" shouted Scummy. "It gives me the willies!"

"Sorry!" yelled back a conveniently off-camera voice. A gunshot rang, and the music died a prolonged, horrible death, much like Twin Peaks did.

"Hey, I think we've got our plot for next time!" said Duller. "But never mind that now. Let's be off to Kitcherloo!"

University of Kitcherloo
Kitcherloo, Ontario

"Oh, stop that," said Duller. "They know where we're going!"

Scummy and Duller walked around the construction and toward the Math building. "Are you sure that guy was telling us the truth when he charged us \$50 to park on the Village Green?"

"Hey, we have to justify our budget somehow! It obviously doesn't go toward the special effects, and we don't want the Liberals breathing down our necks!"

They entered the Math building. "The reports are from the third floor, in a place called... the Comfy Lounge!"

With that dramatic sentence, they broke for a commercial break. When they came back, they found themselves in... the Comfy Lounge.

"Excuse me," said Duller to the first blank-faced couch inhabitant he came across. "We've had reports of Magic possession. Have you heard anything?"

"Each Rice Krispie is made with a real grain of rice!" the slack-faced couch sitter replied.

"Well, yeah, what the heck did you think they were made with? But I meant, have you heard anything relevant?"

"I'm tapping a mountain and two others to cast Disintegrate on you!"

"Didn't work. Now what's this about students getting possessed by Magic?"

"It all started so suddenly. I was here playing bridge with some guy named Eric, I think. We don't see too much of him anymore. Anyway, somebody brought out this thick deck of cards and asked us if we'd seen anything like that before. Well, of course we hadn't, so we thought we'd try it. We only had one or two games at first. Then we couldn't stop. Except me! I can stop if I want to! I've only spent \$500 on cards so far!"

"Okay..."

"Do you mean that those governments ads don't work?" Scummy asked the pasty-faced couch slug. "You know, 'Magic: it will suck the life right out of you!'"

"Only if they play a Drain Life card! Heh-heh-heh-heh!"

"Okay, that's it!" shouted Duller. "When we make reference to Beavis and Butthead, that means this article should be

continued in next issue...

Mike "Agent Fox Hammer" Hammond

The Comfy Lounge Card Club Rides Again

Yup, That's right. We bad!

Welcome back everyone! The CLCC is back in force this term, and there are a ton of events planned for the term. Bridge lessons will be offered, as usual in the Comfy Lounge on Tuesdays at 4:30 (talk to me if you want to come along). There will also be a couple of "field trips" to some bridge tournaments in the surrounding area. For those interested, there will also be a major excursion to a place yet to be determined where Canada's best will meet to play for the right to be a part of the 1995 Canadian Junior Team. There are some players here that may have a shot, if not this time, certainly in 2 years, and this will be an excellent practice session. If you are interested in playing in this session, talk to me sometime **VERY SOON**. Entries closed a couple of weeks ago, but we can likely squeeze a couple more people in.

Last term, Waterloo attended a challenge match against UoFT. After 2 days of extensive strain and stress, we proved our worth against our foes. Naturally, when you play 97 boards of bridge in two days, some interesting hands are going to come up. Here is a difficult hand to bid from the Teams on Sunday. You hold:

♠ QJ4 ♥ J4 ♦ AJ863 ♣ J93

The bidding goes (They are vulnerable, you are not):

LHO	Pard	RHO	You
—	—	1H	P
1S	3D	6H	?

3D by your partner was a weak bid. You have to make a choice to pass or bid 7D. The match may depend on it.

Here is an opening bid problem (they don't come up too often). What do you bid with (you are the dealer, you are vulnerable, they are not):

♠ QJT97654 ♥ J43 ♦ A ♣ J

I can think of at least 4 opening bids with this hand, but which one is the best? Who knows.

A couple of quick announcements. The first bridge tournament of the term will be held on May 24th (look for posters for location). This tournament will be a chance for everyone to win!! Also, in the next couple of months, I will be working on the creation of CYBOrg (Canadian Youth Bridge Organization), and any help that you would be willing to give me would be appreciated. And a final reminder, if you want to try and be a part of the Canadian Junior Team that will be going to Buenos Aires or Bali in 1995, then make sure you talk to me SOON!

Here's lookin' at cha'.

Ace Upmysleeve
aka Slave Boy
aka Eric Sutherland

At the Unix Prompt

```
% webster forgetfull
```

```
No definition for 'forgetfull'. Maybe you mean:
```

1. forgetful
2. forgetful

Output of webster
ñotasquare

Choosing Your Own Official Scapegoat

Easy Tips On How To Blame Those Who Really Deserve It Anyways

As anyone will tell you, life is not pretty. We're all going to have moments of extreme mental anguish, times when we'll wish we didn't have to deal with the pressure and hardships of daily living. Life as a student is particularly harsh, with the hell of assignments and exams, the pressure of trying to succeed in an unforgiving world, and stress of convincing yourself that blowing \$2000 each term for 4-5 years on a BMath will actually make you better off than those poor Artsies who flip burgers at McDonald's after they graduate. The key to life, however, is not dwelling on how to solve your problems and stresses in life, but knowing who to blame for them.

Nothing is Ever Your Fault

This is the key to this philosophy. Nothing is ever your fault. Instead, it is the fault of someone else, your chosen Official Scapegoat. This scapegoat can be anyone, the Prime Minister, Bill Gates, your brother, that guy sitting in the corner of the Comfy Lounge picking his nose... yeah, him. Blame everything on him. Everything is his fault. Doing this not only removes a lot of stress from your life, but it also gives you that much-needed titillation by slandering those who really can't fight back.

Who Should be Your Official Scapegoat?

Preferably someone you don't know, or you know will never fight back after getting blamed. It's very demoralizing to be beaten to a pulp by your Official Scapegoat.

An Example Where An Official Scapegoat Can Improve Your Life

Let's look at this situation: you're in class, and you've just got handed back that killer assignment you've been sweating over the last 3 weeks. Surprise, surprise, you got 5/100, with a small note attached to your assignment, written in your prof's ink, indicating how he and colleagues thoroughly enjoyed reading your attempt of the assignment, and how they'll be sure to remember your name when it comes time to mark the final exam. You're still hung over from last night, because you got plastered at some drinking hole, and lost both your wallet and your holy Visa card. You made the major mistake of making a pass at your best friend's Significant Other, and you also think you puked all over the both of them on the dance floor, although you're not sure what you did after 10:00. You are definitely sure you phoned your mom last night, because she phoned back this morning, asking what the hell you were doing phoning them at 3:00 in the morning, and screaming that you were drunk and wanted your teddy bear. You also can't explain all the funny looks you've been getting by your classmates, although the indecent exposure charges the police laid earlier today may shed some light. You glance across the room, and there he is, your Official Scapegoat. That slimy bastard. Everything is his fault. You proceed to walk over and scream at your official Scapegoat. You feel much, much better.

Who Else Should Be Blamed?

Anyone and everyone! Personally, I think acid rain is Steve Urkel's fault. My back hurts and it's all because of them Bosnian Serbs. And we can all thank the Montreal Canadiens for pollu-

tion and Global Warming.

Don't Blame Mommy or Daddy

These people should never be your Official Scapegoats. Not only do they provide much-needed food and shelter between terms, but they also provide no-obligation interest-free loans. They can also blackmail you with "naked in the tub" baby pictures, so don't mess with these people.

What If You're An Official Scapegoat For Someone Else?

You can either mutually agree to blame each other, or find some third party to receive your combined wrath.

What If You Find Yourself in A Situation Where You Can't Blame Anyone?

By definition, this should never happen. Besides, why blame yourself?

What If It Doesn't Work?

Then it's your fault, not mine!

Philip Hunter



continued from page 10

weee

POW!

Thud thud thud thud thud thud

Monster: Hwchchchchchchch!! THWACK!!

weee

POW!

Herc: [Gets up] I think it's time I put on my ring!

Hercules gets a ring with a big "H" from his belt, and slips it on his finger. It glints! >PING<

La da da da dee, la da da dit da deee

POWPOW! POWPOW! [Lightning strikes the ring]

da dee da dee da dee [Lowers his fist]

Pinnnnnnnnnggggggggggggggggg

Hercules attacks the monster again. They struggle. Hercules grabs two of the tentacles and dodges the third! This time, he ties two of them in a knot. He hits the monster on the snout a few times [PAF, PAF, PAF] then grabs the third tentacle, swings the beast over his head a few times

[WHOOOSH, WHOOOSH, WHOOOOOSH] and finally lets go.

weewwwww

[The MONSTER flies backwards through the air]

POW!

The monster is lying in a shapeless black lump at the bottom of the cliff with it's eyes closed and crosses on them.

Wa wa wa wa wa wa wa wa

Hercules looks up in surprise as the creature begins a monstrous transformation! [Much like Chameleon man]

Soon, an extremely beautiful young girl with blonde hair and a red dress is revealed!

Young Girl: [In a sickeningly sweet voice] MASTER! You have defeated me, so I am yours.

Hercules smiles widely.

Newton, Helena, and Toot are having a picnic in a forest clearing.

continued on page 12

Are YOU Interested in a Challenging & Rewarding Career or Work Term?

PROCTER & GAMBLE

is the answer !!

Employer Information Session

Thursday May 19, 1994

5:30 pm DC1302

Learn about Careers and Work Terms Systems & Manufacturing

continued from page 11

Ielena: I hope Hercules found what he was looking for.

OLYMPIAAAAA!!!

The three look up with smiles on their faces, to see Hercules flying toward distant Mount Olympus with his arm around the waist of a gorgeous blonde woman.

Stephen A. Mills

studQUOTES

A thought which has been bandied about mathNEWS for years finally gets off the ground this term, thanks to some wonderful quotes sent to us by Prabhakar Ragde. So all profs take note: you can now submit to us the silly things that students say or write for our studQUOTES. If it's in a lecture, feel free to give us the student's name, as well, and please include the course name.

"TA: Four or five percent doesn't matter.
Student: Unless it's on your report card"

E&CE342

"Prof: So what would you do if this thing doesn't work?
Student: Cry."

Math138

"B.B.King had a song called 'Nobody Loves Me Except My Mom', but we don't think he's going to kill himself. It's just a Blues song."

Student doing a seminar on Teen Suicide, PSYCH 315

One of the optional topics for the essay question on the CS 134 exam in the winter term asked students to discuss the possible difficulties that arise when people communicate primarily using computers. Here are four quotes, reproduced exactly, from essays that were written in response.

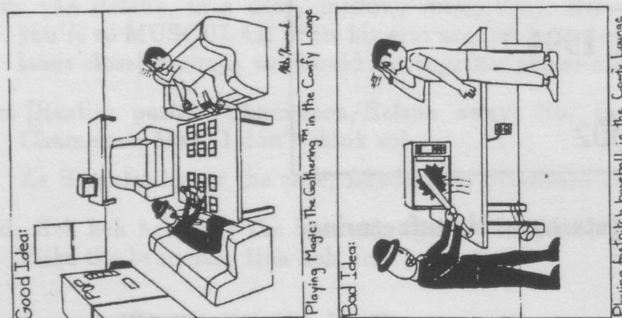
"Language is a poor way of communication need to see and hear body language."

"Moreover, messages might be destroy by bacteria that unables the sender to sende the messages successfully."

"E-mail does not tell the actual attire of the writer."

"We cannot feel each other as good as before."

It's time for another
Good Idea/Bad Idea



Mike "Come join the Hammer Brothers" Hammond

The mathNEWS Summer Survival Guide

It's summer term. The fiery sun beats down unceasingly on your bronzed skin. Naked women/men/engineers walk about campus jiggling/flopping/tripping alluringly. Even though the Laurier students have all gone home, you still feel your blood boil at the sight of hot bare flesh. Overcome with lust, you charge your prey, and do naughty things (after you both sign the appropriate disclaimer forms).

Is it any wonder you're having trouble concentrating on calculus?

Summer term is arguably the most difficult term of the year. Rumor has it that profs 'go easy' on their students in the summer. This is true, but only because if they didn't 80% of the class would fail. You can ride the bell curve, and hope your final is marked out of 40 instead of 100, or you can read the rest of this article and learn the secrets of academically surviving the summer term.

The main reason mathies flunk in the summer is Sun, Sports, Sex, and getting Sloshed. A few fail because of Scurvy, but I feel if you're stupid enough to live off kraft dinner the entire term, you deserve what you get. Let's take a closer look at the four evil 'S' words of summer.

Sun

In the summer, the sun comes out—even in Canada! Girls and guys alike become overwhelmed with the urge to expose themselves to lethal doses of UV radiation. Lying naked on huge pieces of tinfoil, they frizzle and fry until the mere act of dressing becomes an impossible exercise in pain.

Now skin cancer, and being forced to run around naked, are not problems. What is a problem is that tanning wastes valuable study time. It's hard to do calculus when the wind keeps blowing your papers all over the place. The solution is to study for your arts courses while you're tanning. The majority of work in most arts courses is reading. Reading is something you can do in the sun. More importantly, if you don't read your arts texts you'll probably pass anyway. What? You say you don't have any arts courses? Drop a few math courses, and take some. Use up all those electives now. When you're in 4th year, you won't want to be distracted from your valuable 400 level courses by silly electives like Psych101 and Soc101. They numb the brain. Speaking of numbing the brain, another excellent way to do that is to play

Sports

It's a beautiful day out. Either you already have a death-tan, or you're smart enough to realize you don't want to look like a prune when you're 40. You want to go outside, but what will you do? Wander about aimlessly begging for tuition money? No, why do that when you can hurl small round objects at people. Or kick inflated plastic sacks. Or hit rubber disks with wooden sticks. Or throw large balls through metal rings. Any of these bizarre activities is a suitable excuse for an individual (or even a group of people) to spend hours of time outside in the aforementioned activity. The benefits of these 'sports' are many. You can document and photograph your activities, attach them to your resume, and thus argue that you are not a geek. You can develop muscle tone and coordination, so you can lose it once the winter term comes around. You can burn calories so you will eat more food to replace them. You can also avoid studying.

Like the Sun, Sports cuts into Study time. Unfortunately, few people can even study for arts courses while playing most

continued from page 12

major sports. The solution is to enroll in correspondence arts courses, the only thing in existence that is easier than a regular arts course. You can then pump up the ghetto blaster, and listen to recorded lectures on Ancient Greece, the philosophy of the postal system, or the artistic merit of ritual murder.

Once you've finished your hours of abusing small rubber objects, you'll be hot and sweaty and you'll smell bad. The only logical thing to do is to Shower. Most mathies prefer another S word however, and head off to dark crowded rooms where they can

Get Sloshed

In the summer it is hot. When you are hot, you drink. Most cold drinks will quench your thirst, and leave you refreshed. There is a magical substance known as beer however, which when combined with free pretzels, tends to encourage continuous intake over satisfaction of thirst. After a long day of frying your skin, and hitting small rubber objects, most mathies find themselves more than willing to consume as much of this beer as they can afford. How else can they forget the calculus assignment due the next day, which they haven't attended classes for?

One beneficial side effect of drinking to excess is that you certainly won't want to tan the next day. Any attempt to do so will result in a rolling, churning sensation in the stomach that will soon be followed by a stream of...well...you know what. Likewise, sports will be out of the question. Going outside will be out of the question. You'll stay home in bed. Oh well, so much for the benefits of getting sloshed.

The way to avoid getting sloshed is to not do it. Order yourself a big glass of Kool-aid when you're in the Bomber. No, wait, they only sell Kool-aid at the Twist. Rumor has it there's alcohol in it somewhere, but I don't believe it.

Even if you don't drink at the bomber, you'll probably still flunk. Sober, you'll be able to fully concentrate on viewing and pursuing the same or opposite

Sex

There is not too much distances between man and his primal ancestors. At the root of all of us, is a little monkey, swinging happily through the trees, looking for another monkey to jump in the bushes with. It's summer time. The intense heat fries the frontal lobes, bringing not-so-deeply buried savage lust to the surface. Extreme intake of beer removes the inhibitions society has programmed us with. The inevitable happens.

Now, sex in itself is not really a problem. If you're worried that you're wasting valuable studying time while you're having sex, you need to reevaluate your priorities. The problem with sex is the time you spend thinking about it, and getting it. In an ideal world, we'd just pick up the phone and order for sex like we order pizza. Hell, in an ideal world you could order sex and pizza from one place. Most of us aren't affluent enough to afford the prices most sex-organizations charge (I can't even afford pizza). We thus find ourselves wasting time either wandering about and lusting for strangers, or courting, talking to, and in other ways socially interacting with our partners.

There are many solutions to this problem, and not all of them involve surgical removal of the genitalia. Frequent and regular masturbation can calm most people down to the point where they don't vibrate when an attractive person walks by. Some people find masturbation immoral, or disgusting, and thus choose to instead have meaningless sexual relationship with a friend, professor, or farm animal instead. Others are already involved in deep and meaningful relationships, which have been going on for years, and have thus evolved to the point where ro-

mance, love, and other time-wasters have naturally faded away.

One last word of advice: take less courses. It doesn't take a statistician to realize you can't flunk five courses if you take less than five.

Chris "Strunoph" Norman

mathNEWSquiz #1

Let the Games BEGIN!!

The trumpets blared, and the crowd cheered, for the champion had arrived. He brought his hefty knowledge into the ring, and waited for his opponent to begin the challenge. One question; two questions (he scoffed at their ease). Then the challenger asked the most devastating of questions, one that the man who was king could not find a response to. The crowd booed at his weakness. He returned to his shell.

Can YOU do better than the champion? I think not. (Or maybe you can)

Movie Quotes

Name the movie and the person saying the line

1. As in the words of that famous bard, Samuel J. Snodgrass, as he was being led off to the guillotine...
2. I hate you more! If hate were people, I'd be China!
3. NOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO!
4. We've been engaged 14 years today.

John Grisham

Name the book from the plot

1. The FBI is trying to protect from the Mafia a boy who knows the location of the body of a US senator.
2. The FBI is trying to protect a woman from the terrorists who killed supreme court judges.
3. The FBI is trying to protect a man who finds a connection between his law firm and the Mafia.
4. The FBI doesn't really get involved.

Games

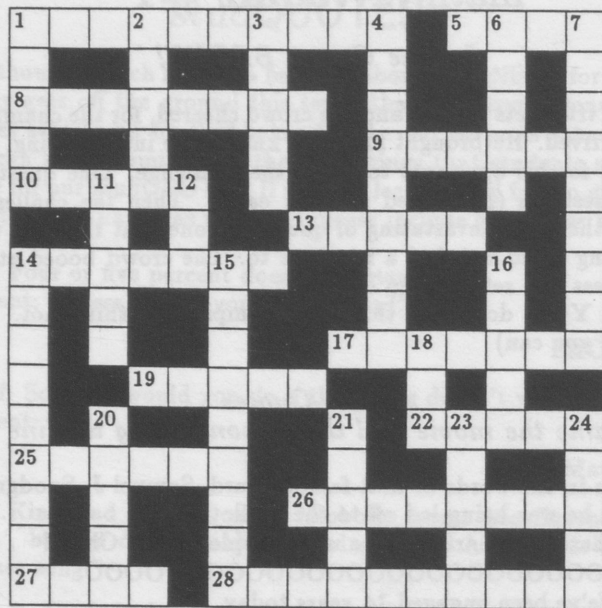
1. What is the official Hoyle's name for "Screw Your Neighbour"?
2. What degree does the creator of Magic: The Gathering hold? (Be specific.)
3. How many points is a rouge worth?
4. What game is known as "draughts" in the U.K.?

So, the challenge has been given to you. Are you ready to flex your mental muscle? When you have completed your task, submit your solutions to the BLACK BOX on the 3rd floor of MC. K'plah!

Woof, the Klingon Lord
Lord Fuzzy (as in "Oh, Lord, it's Fuzzy!")
Mike "We mean you no Hammer" Hammond

"You're supposed to picture what would happen if I wrote everything out."

McKiernan, AM 333



gridCOMMENTS

As this is the first Grid of the term (and my second ever!), I'll keep this short. Sbmnt nswrs to BLACK BOX by 05/23/94. Njy!

Mk "GrdHmnr" Hmnd

Grid Clues (Cryptic)

Across

1. Her Royal Majesty's *Color of Bananas* puts people to sleep (10)
5. Incinerate Swiss city (4)
8. Funny, Rhode Island action is habit-forming (8)
9. Shopping centre alien to Hammer (6)
10. Want shaken "Yes, nurse" (5)
13. Whitens buckets! (5)
14. Scale strange cable article (7)
17. Gas crazy hen mate? (7)
19. Plush house etiquette, singularly (5)
22. Do in our smell (5)
25. Nick allowed a small piece of meat (6)
26. Inner egg scrambled, going back on promise (8)
27. Exchange cubicle for money (4)
28. With magic came corny new beginning, oddly (10)

Down

1. Sweets in zinc and yttrium (5)
2. Award in Mexico's carnival (5)
3. Greeting huge confused belief (5)
4. Mixed-up lame mar ad orange (9)
6. Sounds like former island force away from home (5)
7. Ten in care sliced fruit (9)
11. Wacky Los Angeles sex connects wheels (5)
12. There are no religious, woman (3)
14. Shellfish clean bars, strangely (9)
15. Flowering automobile country? (9)
16. Formed United Nations in the past into fertilizer (5)
18. Toward nothing, as well (3)
20. Stable delay (5)
21. Direct cow (5)
23. Personal philosophy of canine, mother (5)
24. Sport carpet preposition (5)

Grid Clues (Conventional)—A tribute to Flipper

Across

1. Drunk (10)
5. Drunk (4)
8. Leaves (8)
9. Drunk (6)
10. Of faeries (5)
13. Drunk (5)
14. Drunk (7)
17. Aide (7)
19. Warn (5)
22. Article of faith (5)
25. Drunk (6)
26. Breaking (8)
27. Conference (4)
28. Casual (10)

Down

1. Stupid (5)
2. Drunk (5)
3. Sleep disorder (5)
4. Type of pressure (9)
6. Taking advantage of (5)
7. Grave marker (8)
11. Bottles (5)
12. Japanese art form (3)
14. Direction (9)
15. Quilt stuffing (9)
16. Fabric (5)
18. Drunk (3)
20. Typical (5)
21. Famous hedgehog (5)
23. Erupt (5)
24. Drunk (5)