

math

NEWS

Volume 98, Issue 3

Friday, June 10th, 2005



BATMAN BEGINS

BUT, SO DO MIDTERMS

Neeraj Mathrani 2005



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lookAHEAD**mathNEWS**

June 10	Issue #3 buys some ice cream
June 20	Issue #4 Production Night 6:30PM, Mathsoc
June 24	Issue #4 melts in the sun

Math Faculty

June 17	Last day for a 50% refund
June 24	Last to withdraw from courses
Today	Bid Farewell to Shirley Day

MathSoc

June 17	Reveal plot to destroy planet
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MathSoc Movie Nights - 2 Movies, 0 dollars!

June 26	7:00 - <i>Terminator 2: Judgement Day</i> 9:00 - <i>The Pacifier</i>
June 23	7:00 - <i>Jesus Christ Superstar</i> 9:00 - <i>The Phantom of the Opera</i>

Math Grad Committee

June 14	Grad info session
June 15	Grad photo signups begin
June 18	Convocation

Math Endowment Fund

June 15	Nominations to Funding Council due
June 17	Funding Proposals due

Miscellaneous

June 22	First day of Summer
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The Presidential Briefing*Living on a Contiguous Schedule*

To those going to Wonderland today care of The Crew and all the student societies, I hope you all have a great time. For the rest of us Mathies staying to enjoy the midterms, remember to maintain your sanity. Remember, knowing is half the battle.

As I've mentioned last week, the Faculty and MathSoc are organizing a peer mentor program for the incoming frosh of 2005. We are now actively calling for volunteers who would be interested in becoming the inaugural group of peer mentors. The time commitment will be approximately one to two hours per week depending on your contact with frosh.

For more details about the peer mentor program, email me at president@mathsoc.uwaterloo.ca or come see me during my office hours. An information session about this new program will take place next week. Keep an eye for posters around the MC for the exact time and location.

The peer mentor program is an amazing opportunity to pass on your knowledge and experience to a new generation of frosh. It promises to be a truly rewarding experience for all involved.

Lastly, I'd like to thank our volunteers who have been fantastic thus far. Without the dedication of our volunteers, the Society would not be able to function in the state it is in right now. We can use more volunteers, however. Stop by our offices at MC3039 to see how you can contribute to your student society!

Raymond Lai
MathSoc President S05

Attention 2006 Grads!*Greetings from your Math Grad Committee!*

So you may have noticed that Pizza Day was a stunning success this past Wednesday. At least I hope you noticed. I hope it will have been, since I am writing this blurb on Monday. The point remains: Pizza Day is back and here to stay.

After a period of hibernation, your Math Grad Committee is back to life. Aside from pizza day, we have a number of events planned between now and the end of the term. There will be info sessions for grads, social events, fundraisers and lots more! Watch the stairwells, and watch *mathNEWS* for announcements.

Upcoming important things: the second of two information sessions for graduating students will be held on Tuesday, June 14th at 5 PM in MC 2066. If you missed the first session (yesterday!), then please try to be there next Tuesday (unless, that is, you don't plan to graduate in 2006).

Also, very importantly, grad photo season begins next week. Watch for a signup sheet to be posted on the MGC board on the third floor (across from the C&D). If you intend to graduate in 2006, you need to have your picture taken this term. Otherwise you won't be in the yearbook, you won't be in the class composite and the photographer (and your parents) will get mad. An irate photographer adds 20 lbs. Easily. So it's better to stay on his good side and get your photo done early.

Now, speaking of photos and yearbooks, we want your pictures! We are collecting photos of anything and everything: people sitting around, people doing things, people studying, people sleeping in class, people's travels. In short, pictures of anything to do with anything, as long as it has some tangential connection to UW math. If you have something that you think is worth it, and even if you think it bites, bring it by the MGC office or the MathSoc office and it may well be immortalized in the yearbook!

Speaking of yearbooks and things that are worth it, volunteering with MGC is worth it! Your graduating year can only be as good as the effort the graduating class puts in, and we certainly need your help. If you want to help, sign your name on the sheet outside the MGC office and we'll be happy to have you!

Cheers!

Alex Perel
Chair, Math Grad Committee Spring 2005

2006 Grads!! Signup for Grad Photos Next Week!

After all, you aren't going to get hotter with age...

The Management



Get those Funding Proposals In!

They're due next Friday!

VPF Sez

Well I'm sitting in my Monday night class playing Yahoo! games with MathSoc's friendly VPA (he's also my roommate so I have to say nice things about him, even though he tells bad math jokes). So far I've won 2 of the 3 pool games and 2 of the 5 games of Go Fish. My birthday was last week and it surprises me that at my age I find amusement in the game Go Fish. I struggled at first and lost two games right away, but as soon as I thought strategy I was on my way.

Not much has happen in the last two weeks in VPF world. Can you imagine a world of VPFs? Actually, don't bother, it's not a pretty thought. As a result of nothing exciting happening, this article has no new news today. I guess I counted coin from the photocopiers and wrote some cheques, but there were no clowns arriving at the door to the exec office to tell me I won a trip to Cuba.

If you have time next week stop by MC 3039 between 12:00 and 2:00 on Tuesday and Thursday we can chat about MathSoc's finances or anything else you'd like to discuss. Well, back to beating the wonderful VPA and my single roommate Ken (more info available at MC 3039) at card games.

Catherine Hicks
MathSoc VPF S05

VPA Sez

Howdy. Well, I'm sitting in my Monday night class playing Yahoo! games with MathSoc's friendly VPF (she's also my roommate so I have to say nice things about her). She's about to get schooled in pool. By the way, the much awaited answer to "What is the integral of $1/\text{cabin}$ " is houseboat. Because the integral of $1/\text{cabin}$ is $\log(\text{cabin}) + c$. Log cabin + sea. Ha ha, get it?

On a more serious note, we had a review session for Math 135/136 that was fairly well-attended, despite my posters getting taken down TWICE! And, yes, there's going to be one for Math 137/138 this Sunday, from 1-4 PM in MC 2065/2066. Wednesday, 1st juin, there was a phone-a-thon to call all the pre-frosh and welcome them here. That was loads of fun, and was one of many free meals in the last week.

Now stop reading this and pay attention to your prof. Yes, that means you. Or go read *prof*QUOTES.

Leander Quiring
MathSoc VPA S05

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Livin' large and in charge: Ian W. MacKinnon, Eric Logan [You figure out which is which — inkEd]

Engineers Without Borders

...for Mathies too!

You've probably heard of Engineers Without Borders. What you probably don't know is that it's for Mathies too. So what does EWB do? Our mission is *To promote human development through access to technology*. We do all sorts of things towards that. A major thing we do is send co-op students overseas on internships, to work on various development projects. Right now, bioinformatics student Ginny Li is in the Philippines.

Another thing we do is educate students from local schools about the realities of living in third-world countries. One of these is called "Water for the world", where students try to build a water filter with limited instructions and learn about the realities of water in the third world. Another is called "food for thought", an interactive activity that gets students thinking about local and global hunger issues and the role youth can play in positively shaping the world.

So right now, you might be thinking, "Great! How can I get involved?" Or, you know, maybe you're not interested. But I'm going to assume the first one. If you want to get involved with our club, you can:

- Come out to our biweekly general meetings. These are held every other Tuesday in DC 1302; the next one is on June 21. (Watch for the posters up around the Math building.)
- Participate in our weekly group discussions, "Discussions Without Borders." These happen every week at 6 PM at the Grad House. Come discuss everything from local gas prices to globalization and how we as individuals can make a difference in the world.
- Get involved in one of the many events that we're planning this term! We'll be having a booth at the Canada Day Celebrations, and we're hosting a Bomber night on July 7. Stay tuned for more details on these.

Want more info on who we are or what we do? Check out <http://uwaterloo.ewb.ca>, where you can find more information on our activities.

Development Mathie

Volunteers Wanted!!!

Canada Day is just around the corner and WE WANT YOU!!! This year marks the 21st annual Canada Celebrations at UW. Every year, 60,000 people attend a HUGE PARTY we put on.

Volunteers are needed for many jobs, including:

- Security
- Stage Crew
- Children's Activities
- Face Painting
- Information Tent
- Operations
- Sales
- Concessions

If any of these areas sound interesting to you, then visit <http://www.canadaday.uwaterloo.ca/Volunteers/index.htm> or email canadadayvolunteer@admmail.uwaterloo.ca.

Shifts are available throughout the day. Check it out now!!! It promises to be a great and memorable time. Please note that all volunteers must be at least 16 years of age.

HAPPY BIRTHDAY CANADA!

Reading Weekend vs Reading Week

There has been recent discussion both in Senate meetings as well as among students about the current Reading Long Weekend for Math and Engineering students and full week break for other Faculties. Senate will make a decision on what will happen to Reading week for Math and Engineering students at the next meeting in June. Listed below are the current options for Reading week with advantages and disadvantages to each option.

Option 1: We keep the current system.

Option 2: Have a full reading week in February.

The main benefit for Option 1 is that we get three extra days to study for exams. This can be really handy when having a bad term. These three days can also be used to relax right before the exam period begins.

The main benefit for Option 2 are that we get an extra 3 full days of vacation. In the current system we are only guaranteed at least 2 vacation days since most math students do not take 5 math classes (or 5 courses all in math or engineering), but with Option 2 we get 5 days of vacation.

To vote for an option go to: <http://www.mathsoc.uwaterloo.ca/> There is another option that may be possible.

Option 3: Have a full reading week in February and three days before exams.

This option has the benefits from both Option 1 and Option 2. I am going to assume that most people would prefer this system as opposed to Option 1 or Option 2. If you do not want Option 3 please email me (contact information is below).

If you have any other questions comments or concerns, then please email me.

LAST CHANCE TO VOTE IS JUNE 20TH!!!

Adam Felix
Math Student Senator
atfelix@uwaterloo.ca

Movies, Movies Everywhere!

Well, only on Thursdays

For all those of you (and there were a lot) that came out to see Shark Tale and Robots, I thank you. I'm sure this past week's showing of Miss Congeniality II and Hitch was equally popular. I'm still looking for a volunteer that wants to put up posters on Tuesday, Wednesday and Thursday mornings... I do have bribes for anyone that helps (and no, it's not just free movies... there *IS* real incentive. I promise.)

So, as usual, I'm going to let you guys know which movies are coming up in the next two weeks:

June 16th

7:00 PM - Terminator II - Judgement Day

9:00 PM - The Pacifier

June 23rd

7:00 PM - Jesus Christ Superstar

9:00 PM - The Phantom of the Opera

Remember, these movies are all held in MC 2066, and they're still FREE! That means, bring yourself, your friends and your housemates!

See you at the movies!

Mark the MathSoc Movies Director

How to Tell if You're a 2006 Grad

In order of severity

- **You're intending on finishing your studies in either Fall 05, Winter 06, or Spring 06**
- You intended on finishing your studies this term but it doesn't look like it's going to happen
- The terms "old" and "bitter" seem to be thrown at you more often
- You wonder what all these kids younger than your little siblings are doing on your campus
- The term "jailbait" goes through your mind every time you walk past a frosh class
- You have a UW leather jacket that says 06 ... or 05 ... or 04 ...
- You remember when it was called CS130
- Even worse, you remember when CS130 wasn't taught in Java
- No really, **you're intending on finishing your studies in either Fall 05, Winter 06, or Spring 06**

If you are a 2006 Grad, now is the time to start thinking about making your last year here one to remember! Sign up for the MGC mailing list to find out more.

Diana Chisholm
MGC Social Director S05
and hopefully only three of the above

*mast*HEAD

Now Brought to you with Mac-y Goodness

This is the first production meeting where we have used Macs to put *mathNEWS* together. This really wouldn't have been possible a few years ago, but since Macs are now 1337 and based on a *nix OS, we can use them to log into the *mathNEWS* production system. They take a little getting used to, and they really feel like a fusion between Windows and Unix, but they are getting the job done, and the n00bz on *mathNEWS* don't have to go through so much trouble to get their articles done. The catch is that we needed special logins to get here, which may not be available in future terms if production nights conflict with the night before a CS100 assignment is due. Special thanks to CSCF for letting us try it out.

The rotten news of course is that since it's midterm Monday, all our first-year writers are off writing their exams and thus can't write *mathNEWS*. I remember back when I had that trouble, that was longer ago than I care to admit.

Rambling aside, we asked our writers this week "Why are Macs so hot now?": Richard (Because they're on all the time?), Michael (I've got nothing), DanS (Because CS100 is where all the girls in the MC are), SquirrelToken (Because the Vector Field isn't conservative), Mark "Beatlemaniac" (Because it's a portable furnace).

Special thanks to Campus pizza and those fly printers down at Graphic Services.

Eric Logan (It's the cachet, stupid)
Ian W. MACKinnon (People get confused and buy an iMack when they really just wanted an iPod)

mathNEWS wants YOU!

Write some stuff, win some money

mathNEWS works entirely on submissions from undergrads and some especially crotchety alumni. We're constantly looking for new writers in order to reduce dependency on crotchety alumni types. In order to encourage more submissions from Mathies, we've come up with this great idea! The "best" submission to each issue this term will win **\$25 Gift Certificate to HMV**. Anyone is eligible! Faculty, alumni, staff, students, even that random guy from Iran!

How do we define "best"? Well, my co-editor and I will put our heads together and our subjective decision will be final. We promise not to choose ourselves, though, nor the editors that are off-stream right now.

We're not particularly choosy here at mathNEWS. Our criteria for publishing material are pretty simple: your article should be informative, interesting, insightful or funny. Long, rambling, pointless material is out. So are in-jokes, rants, and flamebait (i.e. no more articles about the damn exambank).

If you have a modicum of writing skill, feel free to submit. You have many options:

- Write it down on some paper and shove it in the **BLACK BOX**, conveniently located on the 3rd floor of the MC between the C&D and the Comfy Lounge. If you type up your article and print it off and then put it in there, we will be very upset, because you should...
- Email it to mathnews@student.math.uwaterloo.ca with the word "article" in the subject line. Alternatively, you can...
- Drop by Production Night! Write an article, and while you're there, help us with the proofreading and editing of the issue. All are welcome! The date of the next production night is given in the *lookAHEAD* of every issue.

See, isn't that simple? So, in summary, write for mathNEWS, win \$25 to HMV! Submissions for the next issue are due at **6:30PM on June 20th**.

Congratulations to this issue's winner, FIXME! Contact the editors to claim your prize!

Eric "inkEd" Logan

If you have questions, send them to mathnews@student.math.uwaterloo.ca

Eleven Reasons to Switch to Apple, Without Switching to a Mac

So in honour of the first mathNEWS production being done from inside the Mac Labs*, here is an entire article dedicated to that fruity company known as Apple.

Monday brought with it the official announcement by Steve Jobs himself that Apple Computers was going to be switching to Intel processors. This of course happened at a time when many are talking of Microsoft and their use of PowerPC chips in the xBox 360. This is likely going to mean that it will be easily possible to put Mac OS X, or whatever version they're on by the time the switch finally happens, on that computer you have at home (UNLESS you have a Mac!). With this in mind, here are the top eleven reasons (remember, think different) to switch to Apple without buying a Mac.

1. You can use up all that RAM you have in your computer that never gets used drawing those pretty graphics.
2. You get to spend all your pesky money going from version X.Y to X.(Y+1)
3. Buy software you'll use at CampusTechshop.
4. You can turn your windows key into a button that you'll actually use.
5. If you use Microsoft stuff, you're a tool, if you use Apple stuff, you're cool (if you use Linux, you need a girlfriend).
6. All those nifty Apple only products (like Garageband and such) will be available on x86.
7. You can laugh at all your Apple fanatic friends when they can't run these programs on the computers they have now.
8. Quicktime instead of Media Player (alright, I'm not sure if I'm being sarcastic here or not)
9. Less viruses because nobody writes viruses for OSs with such a small market share.
10. Make life simpler, use only one mouse button.
11. It's not Windows!

* interesting note, many of these mathNEWS articles are, as usual, being done in VI(M), this time on eMacs.

DanS

Things the Liberals Would have to do Before People in Ontario Vote Conservative

- Have Paul Martin bite the head off of a dove
- Start publically referring to people from Toronto as "dupes"
- Allow gay marriage but not gay divorce
- Nerf guns in the house of commons
- Friday is "Dress as your favourite animal day" for Liberal MP's
- Make a statement to the effect of "We could learn a lot from the French government..."
- Tell people that they are raising taxes for the sole purpose of increasing subsidies to Newfoundland fisherman. Tell them there is a townhall meeting where any grievences can be aired in St. John's
- Pick a new party leader who was born in Texas
- Announce that in order to balance out population growth, everyone who has a birthday in July is going to be forced to move to Saskatchewan.
- Prime Minister Martin admits he was the one who told Bush that there were WMD's in Iraq
- Make Canada's new national anthem "Hate it or Love it" by 50 cent
- New Healthcare spending initiative called "Pimp my Hospital"

Ian W. MacKinnon
mathNEWS Editor

Tips for Blogging in the Workplace

As you may have heard in the media, one of the latest trends over the past few years has been blogging. Blogging basically consists of self-important people talking about what they ate for breakfast that day. Occasionally though, some people talk about their employer. This can lead to hilarity (not for them, but for people around them) in the event said employer reads the blog and there aren't nice things about the boss or the company in general. Problems can also arise if you talk about company confidential stuff.

Really, you can say anything on your blog, but it's all about how you say it: observe

Cool - "My team is constantly looking for the best engineers to work on exciting projects"

Uncool - "We're building a robot army at our secret Manitoba office and need more engineers"

Cool - "I had a frank discussion with my supervisor today about my career."

Uncool - "My boss is such a dumbass that I decided to throw a pencil at him at the staff meeting. He said that if I ever did it again, he'd ensure that I'd never work in this sector again. Plus he'd kill my cat."

Cool - "My company will require a lot of work in order to stay competitive in the marketplace"

Uncool - "My company is so full of shit we should reorganize ourselves to be a fertilizer distributor."

Cool - "I had to sign an NDA, so I can't talk too much about my company here"

Uncool - "I really have no idea why I signed an NDA. My employer hasn't done anything of significance since Mulroney was Prime Minister"

Cool - "My boss brought his kids into work today, it's really amazing to see someone balance work and family like that."

Uncool - "Today, I found out why my boss is bat-shit crazy all the time, the little brats he's spawned must have ADD++"

Cool - "Working in the public sector is a very different experience from my last term in private industry"

Uncool - "If I see one more full-time government employee take a 3 hour lunch I'm going to kill him, hide the body, and see if anyone notices he's gone."

Cool - "My company looks good in the long term."

Uncool - "If you have shares in my company, I strongly suggest dumping them before the next quarter results are posted."

Ian W. MacKinnon
mathNEWS Editor

Coins still smarter than you

At a recent Math Alumni dinner, a short quiz was given on Math Faculty and UW history. Of 45 questions, the winning team got 23 right. In second place was Ian Goldberg and his wife Kat (and some other team, but I'm not telling you about them) with 17.

None of this is notable, except that the test was multiple choice (a, b, c, or d), so Ian and Kat flipped two coins 45 times to arrive at their answers. Thus proving that Mathies are not historians, and coins are still smarter than you.

The TTC Token, past winner of the PMC's Absolut Trials (a series of true/false questions), was unavailable for comment.

inkEd

UWAFT – SAE 2005

Every year a group of over 35,000 professionals from the automotive industry gather at the Society of Automotive Engineers (SAE) World Congress. For five days participants can attend onsite seminars and presentations about cutting edge automotive technology. The SAE explores the future of automotive engineering as well as bringing together the industry's top executives. It is a playground that connects those who influence the industry and its products.

This year the event took place on April 11-14 in Detroit, Michigan. It celebrated the SAE's 100th anniversary. The University of Waterloo Alternative Fuels Team (UWAFT) was proud to be a part of the celebration along with an emphasis on the new GM competition, *Challenge X* in which the UWAFT is a strong competitor.

Challenge X is an energy-driven competition hosted by General Motors and the US Department of Energy. It is a challenge that is open to all American and Canadian schools. The ultimate goal is for a team to convert the 2005 Equinox SUV power train from a traditional combustion engine into an alternate and sustainable technology. The only Canadian university to participate is the University of Waterloo, the team members of which have opted to integrate hydrogen fuel cell technology to power the car.

At the World Congress the members of UWAFT were given an excellent opportunity to forge contact relations with alumni, other university collaborations, interested sponsorship and possible Waterloo engineering hopefuls. UWAFT's participation in the SAE World Congress of 2005 was definitely a resounding success as UWAFT hopes that the new relationships made will be long lasting and beneficial for everybody.

If you have any questions or are interested in joining the team, please visit the website at www.uwaft.uwaterloo.ca. For information on the competition visit www.challengex.org. Or you can contact the team by email at uwaft@engmail.uwaterloo.ca.

Solution to Issue #2's Grid

w	a	d	d	l	e		o	b	s	e	s	s
i			a		p		a					l
t		a	d	m	i	r	a	b	l	e		o
t		m		e		i		e		m		p
l	a	b	s		a	m	p		o	b	o	e
e		i		a		p		l		o		d
	a	g	a	p	e		h	e	e	d	s	
s		u		e		d		d		y		e
l	o	i	n		p	r	y		b	i	r	d
o		t		i		o		o		n		i
p		y	o	d	e	l	l	i	n	g		t
p				l		l		l				e
y	a	w	p	e	d		m	y	r	i	a	d

Squiz #2

Welcome to your second dose of trivia nonsense! Before we get into this week's questions, let's go through the answers from last issue:

"Ma": 1) Maritimes 2) Mamma Mia! 3) The Mayflower 4) Marvin Gardens 5) Stephen Mann, John May and others (there was actually more than 1 correct answer here) **M-A-T:** 1) a/t 2) ma 3) atm 4) ta 5) MT (empty) **Math:** 1) $5280/(16 - 4) = 440$ 2) $4 * 4 = 16$ 3) $350 / (138-136) = 175$ 4) $10 * 5 = 50$ 5) $6 + 3 - 4 = 5$ **Rocks:** 1) Ayer's Rock 2) Cut, Colour, Clarity and Carat 3) 160 4) The Shawshank Redemption 5) "Say it loud, say it big, let it boil in your blood feel it zag as you zig. We survive all the knocks, we have pride and we cheer and we think Math rocks!"

We have two lovely submissions this issue. In 2nd place was Matt Arnold, who correctly answered 16 of the 20 questions, but fell short to our winner Jenn Meacoe, who scored 19/20! Congrats, you can pick up your gift certificate from the MathSoc office!

So with this issue, summer seems to be in full bloom! Can't beat the heat? Try beating this Squiz instead! Just submit your answers to the BLACK BOX outside the C&D or email your solutions to mathnews@sudent.math.uwaterloo.ca and you could be walking away with that \$5 C&D gift certificate. I hear that's 4 Fruitopias, which do wonders on the hot days which are upon us. So here are the questions:

Summer

1. Which band's first radio hit was "Summer Girls?"
2. Which current television series centers around a fashion designer named Ava Gregory?
3. Who is Pedro Sanchez's election opponent in the film *Napoleon Dynamite*?
4. Which reality tv series debuted in summer 2000 and has now aired 10 13-episode seasons?

5. In the summer camp song "There are no bananas in the sky," what three things are there in the sky?

Heat and Hot Things

1. Fever and chill are the 2 music selections in which Nintendo puzzle game?
2. Which television series had an impersonation of Ricky Martin asking whether a cup of hot tea was hot or cold?
3. According the Ray Bradbury novel, at what temperature does paper burn?
4. Which song features prominently in both the films *Napoleon Dynamite* and *Center Stage*?
5. What is the closest star to the Earth?

Weather

1. In which province would I find the rainiest city in Canada?
2. Which song was the biggest hit from The Weathergirls?
3. In Waterloo, on which channel would I find The Weather Channel?
4. What does the Beaufort Scale measure?
5. Which 2 actors portrayed Jo and Bill Harding in the movie *Twister*?

Ice Cream

1. What does TCBY stand for?
2. Which Ice Cream chain celebrated their 31st anniversary in 1976?
3. What is the name of the colourful *Laura Secord* ice cream flavour which is red, blue and yellow?
4. What kind of nuts would I find in Spumoni ice cream?
5. What three flavours are combined to form Neopolitan ice cream?

Answer away!

Squizmaster Stoken

profQUOTES

"My chalk seems to have grown asymptotically small."

Verstraete, MATH 239

"If you've ever read Knuth, you know that you need to sit down and read it [The Art of Computer Programming] very carefully, and then ask someone what the hell he's talking about."

Vasiga, CS 240

"For 1400 years, [Ptolemy] was what you people would call 'The Man'"

Crippin, C&O 480

[After wrestling with basic algebra for 5 minutes]

"It really hurts to be so dumb"

Crippin, C&O 480

"There is someone that everyone loves. And it's Raymond."

Van Beek, CS 245

"So what we want to do... or what I want to do, you may not."

Van Beek, CS 245

"Well, the next topic is greedy algorithms, so I'm trying to show you how bad it is to be greedy."

Zima, CS 341

"You cannot have breakfast and CS 341 class... oh wait you can."

Zima, CS 341

"No, I don't want speech recognition! Look what it's done!"

Zima, CS 341

[reading a group contract clause]

"We will not steal each others boy/girlfriends"

Malleck, ECON 220

Student: "How do you pronounce your name?"

Prof: "Dan"

Wolczuk, MATH 136

Student: "Can you visualize \mathbf{R}^6 ?"

Prof: "No, I only go up to \mathbf{R}^5 "

[pause]

Prof: "That was a joke ..."

Wolczuk, MATH 136

"This is math. We always want to do 'the thing'"

Wolczuk, MATH 136

"Sometimes when I can't spell a word, I come up with synonimomys to use instead that I can spell. I'm clever that way."

Wolczuk, MATH 136

Conventional

ACROSS

- 3. November birthstone
- 8. historic Italian family
- 9. on the water
- 10. curling tool
- 11. acid neutralizers
- 12. disease
- 13. old game system
- 14. peaceful
- 17. ends mission prematurely
- 21. offend
- 22. dies from hunger
- 24. read thoroughly
- 28. vague and ambiguous
- 31. urban bypath
- 32. approves
- 33. shabby or dirty
- 34. inward prefix
- 35. garbage
- 36. explosive fuel
- 37. similarity in sound

DOWN

- 1. stick again
- 2. hallucination
- 3. shin bones
- 4. dull or uninteresting
- 5. formerly Northern Rhodesia
- 6. colour-deficient organism
- 7. scented pouch
- 14. flesh of the head
- 15. send someone (ex. to doctor's office)
- 16. niches or crannies
- 18. wrangle or quarrel noisily
- 19. wild dancer (or talker)
- 20. impudent
- 23. Russian author
- 25. tenser
- 26. of help
- 27. simpler to do
- 28. past
- 29. seizes by force
- 30. entertain richly

mathNEWS the Wayback Machine!

If you've been reading the covers of *mathNEWS* carefully at all this term (unlike, say, the editorial staff), you would've noticed that we've been accidentally dating our issues in 2004. For clarification purposes, Volume 98 is being published in 2005! Oops!

My thanks to Ian Goldberg, a man to whom *mathNEWS* already owes so much, for pointing out the error. Hey Ian! We're *still* using your production system (mostly unmodified)!

Eric 'inkEd' Logan



gridCOMMENTS

I'm back...

Hello all! Sorry for the disappearing act last issue. I forgot about production night! Anyway, we're back, with another grid for you to puzzle over. I apologize to those who found the last grid difficult. It was a bit of a rush job (for obvious reasons), and that's also why I was incapable of spelling "Whittle" (not "wittle" or "whittle"). Without further ado, I present the submissions/winner of last issue's *gridWORD*:

- Diana Chisholm & Jenn Meacoe ("*soilent green! (Does it taste good? It varies from person to person...)*")
- Adam Weatherhead ("*Degobah-swamp soda, of course.*")
- Mark Stuart ("*Club. 'Cause 28L of it per day will cure you of malaria. It's in the stuff that makes it taste bad.*")
- Nathan Oldridge ("*Baking Soda*")

The winner can pick up their prize from the MathSoc office (MC 3038) sometime during the next two weeks. Enjoy the \$5 gift certificate to the C&D! Remember to submit your *gridWORD* solution to *mathNEWS*! Paper submissions go in the **BLACK BOX** on the 3rd floor of MC or can be submitted via e-mail to mathnews@student.math.uwaterloo.ca!

This issue's *gridQUESTION*: *What's your favourite flying thing and why?* Don't forget to answer it in order to win! Until next issue...

The ConMaster

