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Friday, February 12th, 1988
Volume 46 Number 3

LookAhead

| Cinema Gratis |  |
| :--- | :--- |
| Feb 17 | Eye Of The Storm <br> Lady And The Tramp <br> Vacuum Cleaner <br> Out Of Africa |
| Fed Flicks | AL 116 |
| Feb 12-14 | InnerSpace <br> Feb 19-21 <br> Feb 26-28 |
| The Lost Boys Arts Centre |  |
| Feb 18 | Images From Nature <br> at the UW Art Gallery |
| Feb 18 | The Importance of Being Earnest <br> at the Humanities Theatre |
| DCS Courses |  |
| Feb 15,16,18 | SUN courses <br> Feb 15,17 |
| Feb 22,24,26 Intro. to LaTex <br> Feb 22,24,25 Intro. to WordPerfect <br> Feb 23,25 C Tools in UNIX |  |
| mathNEWS |  |
| Feb 22 | Submission deadline - 7:00 |
| Feb 22 | Production night - Issue 3 |
| Feb 26 | Next mathNEWS out |

edLINES

| mathNEWS Staff Volunteer | $\# 86083560$ |
| :--- | :--- |
|  | Co-ord: TAV |
| WATERLOO | Students: lots |
| Discipline(s): Any | Level: Any |

mathNEWS represents the newest and most exciting environment for the ambitious $U(W)$ student. Our dynamic organisation gives the lucky applicant the opportunity to learn the latest rapid-fingermovement data input techniques as well as the chance to express him/herself freely through a wide variety of media. Our experienced staff members will gladly introduce you to all of the high-tech equipment used in the production of what we feel is this campus' most influential entertainment publication.

Working for mathNEWS, you will be responsible for such diversified aspects of production as article creation, information input and verification, data retrieval, and the finalisation of each issue! Valuable experience can be gained as a staffer. Remember that future employers love to see our name on a professionally formatted resume (a skill that can be extrapolated directly from mathNEWS staff work).

Of course we wouldn't expect the discerning student to be attracted by the sheer importance of his/her contributions. There are many fringe benefits of being a mathNEWS staff member. Among these are the regular consumption of round Italian-style foods by all participating staffers, the opportunity to become famous on a campus-wide basis, and the chance to become part of a rapidly growing outfit, destined for greatness. If you think you would like to be part of the mathNEWS team, or if you just want to help from afar, the Editor and his loyal staff would greatly appreciate hearing from you!

Tom Vandeloo

## Prezz Sezz!

Math Sweat Shirts are almost here folks. If all goes well, we should be starting sales on Wed., Feb 17. You'll even be able to see the actual design in full colour.

On Friday March 18th MathSoc will be co-sponsoring a pub with EngSoc (Oh those plumbers!) at Fed Hall. The band for the night is Images in Vogue, or, as they will soon be known, The Spell. It's going to be a great pub, so be there! I will!

Remember, Monday and Tuesday are reading days and there will be no classes that day! Also, the C\&D and the MathSoc office will be closed that day too!!

In case you haven't noticed, we have a new bagel supplier in the C\&D! If you have any comments please direct them towards me in the MathSoc office!!

Campus day is on March 15 th (Not 5th as previously misprinted by me in this paper!) We will be holding a question and answer period for the future frosh! If anyone is interested in being on the panel or helping out that day, please let me know! It's going to be a PINK day!!

Well, that's about it for this bi-week! If you have any questions, please come by and ask me! If I'm not there, leave me a note!!

Lisa!

## C + D Report

As you may or may not have noticed, the price for the coffee which you are spilling all over this article decreased a couple of weeks ago. That's right folks, you actually pay less. The reason for this is a new coffee supplier (as of Summer '87), and, recent bookkeeping shows the C\&D to be in better financial shape than previously thought. As a result you now pay only 25 cents for a small cup and 40 cents for a large cup of coffee.

In addition to the coffee prices decreasing, the bagel prices dropped by an equal amount and now rest at 30 cents. The reason for this price drop was a change in supplier. The reasons for changing supplier would take up more space than the editor will give me so I won't go into it. The bottom line is, if you don't like the way things are now leave the MathSoc executive a message at the MathSoc office (MC 3038).

Other events happening in the realm of C\&D management include disbursement of funds, renegotiations, and coffee machines. Motions recently went through MathSoc council to increase the money allotment for the Pink Tie and Natural Log bursaries. These awards are available to Math students through the Student Awards Office. Contract renegotiations with the University are at a standstill. We haven't heard anything from the University actually. The coffee machine has nearly died three times this term, so we're looking into replacing it. And that's about all the nutty happenings in the nut house.

C+D Groupie

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Editor: Tom (Don Juan) Vandeloo

## The Return of J. Alan George

Dr. J. Alan George, dean of mathematics from 1980 to 1985, will return to Waterloo on July 1st to become vice-president, academic and provost. He returns from the University of Tennessee and the Oak Ridge National Laboratories, where he has been a "distinguished scientist."

Dr. George is a recognised authority on sparse matrix research, an integral component in scientific and engineering computation. In the Excited States of Hysteria, Dr. George conducted research in the field of parallel computing. When he left UW in 1985, he looked forward with obvious glee to gaining access to Oak Ridge Labs' vast amounts of funding and equipment. At the time, he said his leaving was "in no sense a vote of non-confidence in the university; rather it's definitely a vote of non-confidence in both [federal and provincial] governments, and their lack of commitment to quality universities."


## Looking For Experience

Do you need practical work experience? Are you interested in learning new skills? Trying out different career interests? Meeting new people? If the answer to any of these questions is yes-read on.

Since November 1987, the Federation of Students has been operating the UW STUDENT VOLUNTEER CENTER. The Center currently has approximately 200 jobs available on and off campus available in a wide range of positions, with an average commitment of only three hours per week--easily fitting into your schedule.

As a volunteer, your responsibilities are similar of a salaried employee. It is important to be reliable, punctual, and to maintain an open-mind. Any information received while in the position must be kept confidential and problems encountered while in the position should be discussed with the appropriate person and solved as quickly and effectively as possible. Beyond that--enjoy yourself while gaining some valuable experience. For further information, drop by and see one of the Center staff: Richard Sherback, Angela Stea, Lisa DesJarlais, or Mary Spehor. The UW Student Volunteer Center is located in 150 A of the Campus Center, $885-1211 \times 2051$. The W' 88 term office hours are: Monday 1:30-4:30, Tuesday 1:30-4:30, Wednesday 2:304:30, and Thursday 1:00-3:00.

Call or drop by for a great opportunity to gain valuable work experience.

Marianne Evans

Now, over two years later, Dr. George says, "Id say my return to Canada and to Waterloo is the result of a number of positive developments ... [such as] recent federal government proposals for additional research support, and Ontario's new centres of excellence. Indeed, had the centres of excellence program been in effect in 1985 I might well not have left. Now that we have better support for strategic research I am hopeful some of our problems related to basic research and undergraduate teaching will also be addressed."

The gazETTE was told by Dr. George that "I don't really have an agenda of things that need fixing. The university has been pretty successful, and for me to come in with an agenda would just be presumptuous." Never afraid of presumption, mathNEWS would like to suggest a starting place for Dr. George to build his agenda.

Before leaving in 1985, Dr, George told mathNEWS that he feels that "funding for research and education is tightly interlocked. No one would want to attend a University that did no research, and developed no new knowledge. Because of the interdependency, money which is not provided for research 'sometimes gets stolen from the education grant.' Each research grant Waterloo wins requires resources and space. That space is therefore inevitably 'stolen' from teaching needs. Thus we are limited by our own success."

Now the gazETTE reports that he said, "the centres of excellence could take the time and attention away from ordinary university work." Certainly Dr. George will find the balance of research and undergraduate teaching as pressing a concern today as when he left. Looking into this issue would be a perfect start to Dr. George's new efforts. In fact, with the new director of the school of architecture, Eric Haldenby, quoted in the Feb. 3 issue of gazETTE as calling emphasis on undergraduate teaching "introverted", attitudes towards teaching may have deteriorated in his absence. (Apologies to Mr. Halendby if we quote him out of context, but that's how it appears in gazETTE.)

Before leaving two years ago, Dr. George felt that all faculties would soon see the benefits of the William G. Davis CRC. Any regrets he might have had about missing the momentous opening have hopefully been alleviated by the fact that the DC is not yet complete.

Before leaving, Dr. George said that 'Waterloo students are among the best, especially those in Mathematics. Without the students, you can do nothing, but with them you can do almost anything." Hopefully this positive attitude will infuse his five year term as vice-president, academic and provost.

Dr. Terrence Till

## Jerry's Kids Are In

Well folks, for those of you that have been following the ongoing saga of St. Jerome's mathies, this should be the last episode. Starting this spring, a student society fee of $\$ 5$ will be charged to all St. Jerome's students registered in Math. Evidently, the registrar at St. Jerome's was contacted by MathSoc and he in turn contacted the St. Jerome's Student Union and all the various sundry other committees that needed to know about the change. Fortunately, none of the parties involved had any problem with the addition of the charge to the fee statement and it was passed through surprisingly quickly. Of course, anyone not willing to pay the fee can trot on up to the MathSoc office and ask for a refund. mathNEWS would like to compliment MathSoc on their expediency in resolving this issue and, since we've been reporting all the gory details from the sordid beginning, we would like to ask for a cut of the new revenue: not much, say, $\mathbf{4 0} \%$ off the top would ... AAAAAAAAaaaaaaahhhhh!!!!!! (splat).

John Thomas

## Prof Quotes

Once more we enter the land where the professor's word is not law, but humour. For a continued good supply, listen to your prof and submit GOOD quotes to mathNEWS. We shall print the best ones we receive.
"In engineering, they probably kill kids with low grades. We're in Arts. Relax!"

Lefcourt, Psych 355
"Very interesting, this discussion about balls, don't you think?"

- You're going to get fascinated, I think to the point of nausea, doing these things.'
D. Higgs, PM430A
- If I tell you something that can't happen did happen, you'll be so confused you won't know what to do."
C. Springer, STAT230
"Where ya all going? I've got about a minute left $\qquad$ ... Oh! It's Friday!"
P.J. Ponzo, Math 130B
"Definition of a lecture: the process in which the professor's notes are passed into the student's notes without going through either's mind."
S. Lipschitz, AM 260
"Hey, I have a pretty boring life. Things like this excite me."
C.Struthers, Math 230B
"mathNEWS has lost its credibility with me ... one of those things I'm sure I never said."
C. Springer, STAT 231
"Can anyone think of a social situation involving 3 people?"
Higgs, Math 134B
"What do we do now $\qquad$ That wasn't a rhetorical question.
R. Veitch, CS240
"Looky, looky, looky .... it's the identity matrix."
K. Rowe, Math 234A
"Pretty close. 2.8 of you say yes and 3.2 two of you say no. I guess that makes the rest of you NDP."
G. Bennett, STAT 331
"I think I'd probably get a better response if I put curtains up here and said, 'What's behind door number 1?'' or if I got Vanna White to come up and hold the board."
K. Booth, CS132
.. 'Atomic': it comes from the Greek 'at' which means deep-fried, and 'omic', which means, well, running shoe."
P.A. Buhr
"Pay attention, you MUTTS."
Beaumont, Math 130E
"It's not my fault that 20 years ago your parents couldn't find a druॄ store that was open."
L. Smith, Econ 10 .


## Feds

There were no elections for the 6 co-op Math Fed Reps. The 2 open spots were filled by Brett Martin and Lorne Cam who were both acclaimed. The other 4 co-op Feds are Heather Laundry, Craig Martin, Jan Martin, and Ross Orrett. The 1 regular Math Rep will be announced after the Fed election (this was was written Monday)!

Upcoming events include the Northern Pikes tomorrow at Fed Hall. Info on events is routinely posted on the Fed board outside MathSoc (MC3038).

The next Fed meeting is 1 pm on Sunday February 21 in NH 3004.

DID YOU KNOW: Some of your incidental fees (e.g. the athletic fee) are tax deductible. You can obtain a receipt from the Development and Alumni Relations Office in South Campus Hall. You can get receipts for up to the last five years, but you must have your fee statements (or maybe just your transcript, I'm not sure).

Brett Martin

## Dean's Honours List

In recognition of outstanding academic achievement during the Fall/87 term, the following students qualified for the Dean's Honours List. Agrawal. Mahendra; Anand, Christopher Kumar; Athanasopoulos, Angie; Basso. Gino S.; Benjamin, Gavin Stanley; Boese. Barbara Joan; Bradley, David M.; Brzustowski. John Michael; Butler, Scott Thomas; Cadorin. Ernest Mark; Castell, William David; Castelletto, Ronnie; Chamberland, Marc Andre; Chambers, Christine Jean; Chan, Wai Kiu Kanmy; Chee. .Yeow Meng; Cheng, Dora; Cheng, Ivy; Chiu, Barbara; Chiu, Rosemary Yee Wan; Choi, Ken King Fai; Chow. Ivor; Christensen, J. Daniel; Colley, Paul Arthur; Cook. David Gary; Cooper. Greg John; Crabb, Wendy Ann; Crook. Nicolas. Paul; D'ippolito, Frank Mark; Dahl, Geoff Paul; Davy. Jonathon Donald; Dean. Michael Philip; Dej, Brent Jeffrey; Denys, Chris Laurent; Dietrich. Terry Francis; Diskos, Donna; Dobson, Derek W; Du Plessis, Dennis Charles; Edelson, Robyn Arlene; Elliott, Stephen Robert; Elliott, Valerie, A; Fisher. Monique A; Fong, Philip; Frenkel, Leonard; Fry, Steven Edward; Fryer. Paul Kenneth; Gosai, Paresh; Gourley, Rene Stephen; Gray, Nancy Elizabeth; Greenspoon, David I.; Griffin, Kenneth Anthony; Grinyer. Stephen Roger; Haider, Masoom Abbas; Haigh, Susan Patricia; Hamann. Francois Richard; Haxell. Penelope Evelyn; Hewlin. Todd Guy; Ho, Howard Sheung Chi; Hodge, James Robert: Hornby, Kathryn Elaine; Hsieh, Tse-Tsin; Huang. Peter Minoru; Hui, Jor Leung; Hunter. Shirley Irene; Judson, Adam; Kaethler, Richard; Karsten, Richard Harry; Kelly, Mary Virginia; Kong. Chiu-Man Truman; Kramer, Jeffrey Scott; Kwan. Nang Chong Terence: Lam, Wilson Chi Ko, Lamb, Julianne Krystal; Lee. Tak Yam; Leslie, Christina S.; Litchfield, Gwen Barbara; Loxinski. David William; Ma. Ngai-Keung Kenneth; Madore, Blair F.; Makohoniuk, Connie; McAllister, Michael Joseph; McAllister. Shawn Patrick; McKenzie. Andrew Craig; McPherson, Glen Russell; McRae, Jo-Anne Elizabeth; Moorhouse. Timothy Bruce; Murray. Eithne M.G.; Nicolle. Philippe P. A.; Ordower. Mare S.; Orphen. Keith Stuart; Orrett, Ross Andrew; Pathria, Anu Kumar; Pavan, David John; Pianosi, Gary Michael; Pille, Geoffrey John; Pun. Amy Kong-San; Rajan. Karim Rajabali; Randall, James Ross; Roberts, Gordon Lee; Rogozynski, Daniel John; Ross, Andres Sue; Russo, Giuseppe; Sauvé, Paul M.; Scarlato. Marcello E.; Sheikh. Haroon S. A.;Siddiqi M. Faisal; Simonsen, Katy L.; Siu, Steven Chi Fung; Smith, Kevin Ward; Smyth. Bryan Alan; Starkes, Timothy Brian; Stefiszyn, Paul Gordon; Stephen, John; Tighe, Kevin P. Towner, Joanne Louise; Tyson, Robert Edmund; Ungar, Jeffrey John; Uschold, Cari Aldis; Vansegbrook, Jeffrey Paul; Veach. Eric Hugh; Verboom, Mary Jane; Wallace. Wil liam E.; Walsh, Robin T.; Weeks, Laura Patricia; Williams, Peter Austin; Willis, David Timothy; Willms, Allan R.; Wonfor, Alison Lee; Wong, Chuk Fong Leanna; Wong, Tina Kar-Yin; Wong. Yuen Ming Sakie; Wu, David; Yeung, Alex; Zakinthinos, Aris; Zheung Luo Quan; Zilio, Daniele Costante; Zinatelli, Nancy.

In recognition of outstanding acheivement during the Winter term; the following student has been added retroactively to the Dean's Honours List (Winter/87)

Letniowski, Frank Walter

## MGC News

Grad Photo Retakes are on March 10 and 11. Sign up outside MathSoc. There will be no charge for retakes.

The yearbook needs people to get local ads as well as pictures or any other submissions.

The Class Party II will be at Huether's (the Kent) on Thursday March 3.

If the sweatshirts are not here in two weeks there'll be another article here. Orders will be taken again about 1 week after they arrive. Glasses will also be on sale at this time.

Dave Jaworski is arranging a trip to Daytona Beach for the week after exams (bless his heart). The bus will leave Saturday April 23rd, returning on Monday May 2nd. Cost will be approximately $\$ 209$ per person based on four per room. More info to follow. Dave can be reached via the MGC board.

The Math Grad Ball is on Saturday March 19 at Bingeman Park at $5: 30$. Tickets are $\$ 60$ per couple and will be on sale from Feb. 29 to Mar. 2. For more details (and there's lots more) see the list of people outside the MathSoc office.
'Intent to Graduate' forms are now available from the Registrar's Office for all grads wanting to graduate this year. Completed forms must be received by the Registrar by March 1 for convocation in May, and by August 1 for convocation in September. These deadlines will be strictly enforced, so make sure your form is in by that time.

Nominations are open for this year's recipient of the J. Alan George Award for Leadership and Contribution to Student Life. The recipient must be a student who will be convocating in May or September of this year, and who best meets the requirements of the award. Details can be found through the regular MGB contacts.

Ron Vanderlinde
MGC

# Hitch-Hiker's Guide to Algebra Part II 

Morphisms

Morphism, n. From the latin Morpheus, the god of sleep (cf. morphine).

Morphisms abound in algebra and related disciplines. Here is a list of the more common ones that may cross your path as you wander the halls of MC in your quest for enlightenment (to the question, "who cares about PDE's anyway?').

Diffeomorphism - insomnia. Occurs before any PMATH final exam.

Homeomorphism - What you can finally do at home after PMATH finals.

Isomorphism - to sleep by oneself.
Group Morphism, Homomorphism, Bimorphism - left as an exercise for the reader. The Group Morphism generally occurs during MATH 234b lectures.

Endomorphism - when you wake up.
Ring Morphism - the sound your alarm clock makes. Any Ring Morphism is trivially also an Endomorphism.

Lambda-free Morphism - a dreamlessless sleep. Occurs before CS 360 finals.

Automorphism - dozing off behind the wheel.
Morphisms can be injective (induced by nonprescription pharmaceuticals) or surjective (induced by too much golden throat charmer; from the french for 'up' and 'throw'). If you are insane enough to combine the two, you get a bijective morphism.
p1, DFA, \& C. of G.



## (7)

## RoboCo-op

APRIL 30TH 2056 The University of Waterloo, under increasing pressure to privatise, sells C.E.C.S. to a private company, the Student Career Resource Employment Workcentre (SCREW). Co-op students must pay SCREW to find them a job, and essentially become contractors for SCREW.

JANLARY 1ST 2057 Under increasing pressure from the University and employers, SCREW embarks on an intensive research program. They acquire $50 \%$ of Engineering and Biology to do so.

JUNE 215 ST 2057 A Math Co-op is killed in a bizarre accident involving a photocopier, a card punch and a spool of magnetic tape. SCREW invokes a clause in her contract to claim the body for its RoboCo-op program.

ALGUST 15 TH 2057 The board of directors of SCREW meet the first product from R\&D-the android co-ordinator, Elmer 209:
"Filmore, take this placement form and tell Elmer 209 that you want to decline the job because you found something better."
"Right, chief." Filmore approaches Elmer 209, a huge yellow robot of decidedly military appearance. "Sir, I'd like to ..."
"ACCEPT THIS OFFER. YOU HAVE TWENTY SECONDS TO COMPLY."
"But, Sir, I have a better.."
"YOU ARE IN VIOLATION OF REGULATION 2156/A/534/B(ii). YOU NOW HAVE 15 SECONDS TO COMPLY."

Filmore swallows and quickly signs the form. The SCREW executives look pleased. Filmore hands the form to the 209, who pockets it and says "YOU NOW HAVE TEN SECONDS TO COMPLY. I AM AUTHORISED TO USE DEADLY FORCE."

Elmer's machine guns lock and load. The SCREW techs desperately check readouts as Filmore looks around nervously.
"FIVE."
Filmore makes a frantic dash for the door, but before he gets out the 209 mows him down. A tech finally shuts Elmer down, and the android stops, smoking heavily. The SCREW executives are not pleased.

Up and coming Ludlow pipes up "Gentlemen, I'd like to try a new angle. My RoboCo-op program is ready to beta-test, and will soon restore our prof-uh-I mean reputation."

After a brief presentation (no, not underwear) the SCREW executives accept Ludlow's proposal.

SEPTEMBER 2057 RoboCo-op reports for work at IBM. Fellow employees aren't sure how to accept her at first, but as the doors of the supply cabinet swing back on empty shelves after her first week, they smile. She'll make a fine co-op.

OCTOBER 2057 RoboCo-op, now nicknamed Rose by her fellow co-ops, is working at her desk when she hears her boss say: "Brad's in trouble at the presentation. He got put on the project half an hour ago and hasn't had time to make any foils. They're gonna eat him alive." Rose rushes to the conference room and picks up Brad's hastily jotted notes. Within seconds she typesets and photocopies the text, produces a set of flip-up pie charts, and hands Brad a stack of foils. She passes coffee around to the waiting clients and leaves to respectful applause as a relieved Brad prepares to continue.

NOVEMBER 2057 Rose discovers while hacking the payroll account (a fine co-op indeed) that what SCREW gives her is under half the salary that IBM pays SCREW. She vows to take the matter up with her co-ordinator.
december 2057 Rose's co-ordinator arrives, and turns out to be none other than an Elmer-209:
"HELLO HOW ARE YOU."
"Fine. I-"
"DID YOU WRITE A WORK TERM REPORT."
"Yes, I-"
"SIGN THIS FORM."
Rose signs it. "I wanted to know-"
"WILL YOU BE RETURNING TO IBM NEXT TERM."
"Well, yes, I-"
"SIGN THIS FORM."
Rose signs it. "About my salary-"
"THANK YOU GOODBYE."
"Wait, I demand to know-"
"LEAVE NOW. YOU HAVE TEN SECONDS TO COMPLY."

Rose dives out of the way as the Elmer trains its guns on her. She hurriedly alters a document as the 209 opens fire, ricochet shots dropping a third line manager's hairpiece into his coffee. Rose tosses the modified document to the Elmer, having written its serial number in as project manager. The Elmer reads it in growing confusion, having never had any real world responsibility before. Finally it reads the 40 -day deadline and its major systems fail in terror. Rose quickly guts the machine of its memory banks and heads for Waterloo.

In Waterloo, Rose interupts a SCREW meeting with the university Board of Governors. SCREW is just on the verge of convincing UW president Steve King that UW must sell SCREW the DC if either organisation is to survive when Rose arrives.
"Wait, I have evidence that UW is being SCREWed by these guys. They're taking $50 \%$ off the top of every co-op's salary, and faking engineering lab expenses. I have this Elmer 209's brain for proof."

Quickly, the chief SCREW executive grabs King and holds a Village One cabbage roll to King's throat. "Get me a chopper and my hostage and I will leave quietly."

Rose moves to arrest him, but stops. "I can't attack an officer of SCREW. My co-op programming forbids it." The SCREW chief smiled evilly.

King, slowly turning green, has a sudden desperate thought. "RoboCo-op ... I hereby kick you out of co-op into regular Math."
"Thank-you." says Rose. She leaps over the table and takes hold of the SCREW man in her built-in tractor feeds, and efficiently bursts him into neat output piles.

Rose was re-instated in co-op, and SCREW was abolished. Everyone lived happily ever after-until the first RoboEngineer got a job in the Falkland islands.

## Did You Know...

- There are nine major academic offenses you can commit at Waterloo, excluding any items you may think up all on your own?
- That Open book exams should always be printed on Green paper?
- That "Special Aids" exams come on Pink paper?
- That the university has rules about the "Invigilation of examinations?" (Sounds kinda kinky!)
- Any of the other rules on Academic Discipline or Exams?

If not, and you'd like to know more, both the Math Undergraduate Office and the MathSoc office have copies of a cute little orange book called "Academic Regulations and Student Discipline Policy and Examination Regulations and Procedures." (ARaSDPaERaP?) You may want to pick one up-it may give you ideas (good or bad.)

- Also, Math is trying a few, well, heh heh, experiments with your work reports this term. Professor Dyck has promised to let us know towards the end of the term what, if any, interesting things are learned in the new process.

Sauron

# YOUR TICKET TO ADVENTURE 

## Want Ad Awards

Yes, folks, here they are again, making job selection worthwhile. Proof that Murphy's Law is alive and well in the Real World as well a: your Calculus lectures. Cut out the one for your company and tape i above your desk (terminal, clipboard, whatever) next work term.

The Thought Police Award is unanimously given to Mutual Life for the opening paragraph in their employer profile: "Working with us could change your whole way of thinking about large financial companies in general. And Mutual Life of Canada in particular. [insert Rod Serling voice here| It's happened to others."

EDS gets the Newton's Apple Award for this one: "When you start with the world's leader in the computer and communications service industry, the only direction your career can go is up."

The Sprout Wings and a Propeller Award goes to Public Service Comission Canada who advise that "some flying may be required".

The Oh Yeah, We Almost Forgot Award: One PSC job's duties are research, monitoring, preparing media briefings, co-ordinating distribution of press releases, and, last but not least, "photocopying, deliveries and distribution, handling telephone."

The number of typographical goofs has dropped dramatically this year, but PSC still gets the Cliffhanger Award for their ad that ends: * -research and report on the current youth fitness initiatives undertaken by the". Second place goes to Export Development Corporation for their ad that ends: "Imagination, organization and good interpersonal skills are".

The Association of Municipal Clerks \& Treasurers of Ontario gets the honesty award for this: "Qualifications: self-motivated, wellorganized, ..., and familiarity with 'legistlatese'.,

The Proofreader went on Vacation Award: The Rideau Regional Center calls itself "A very large compact Centre."

The Gosh Darn, I've Got To Find My Tie Award is given to SRI Canada Ltd., who insists that "Individuals must be well presented."

But There's No Windows in Our Terminal Rooms Award: Usability Group Inc. wonders, "Have you ever tried to do something on a computer and the computer was not co-operating with you? Have you ever been so frustrated that you wanted to throw the computer out the window?'

The We Trashed Our Timex-Sinclairs Award goes to Control Services Group, for this gem: "Recent upgrading of computer hardware (IBM-PC, Amiga 2000)..."

I'm Impressed Award: Prudential Assurance gets this for daringly announcing, "All co-op students have their own terminal and will be involved with actual programming assignments."

The Fringe Benefits Award goes to Caswell Resort, who say that "some bar-tending will be required".

The Couch Potato Award goes to Metropolitan Toronto Police, who ask of their student to "take group runs up to $41 / 2$ miles".

The Enthusiastic Idiots Award goes to Netron Inc. for this doozy: NETRON beleives that formal training is less important than enthusiasm, resourcefulness, flexibility, and organizational abilities."

The 'Till her daddy takes her T-bird away Award goes to Oxford Regional Centre who come right out and say: "Our prime objective is FUN!"

Center of Gravity and CYBERman

## The Return of OPUS

It appears that Neil Mackay and his band of science scribes are at it again. Last week, the latest copy of OPCS hit the bricks around campus. For those of you who were on work-terms in the fall, a brief primer:

OPLS, the ex-officio newspaper of the Secret Science Society first appeared last fall. Of course, mathNEWS immediately noticed their presence and engaged them in a war of verbal abuse. OPCS, much to our pleasure, fired back a few salvos of their own, launching a friendly rivalry. Personally, it was nice for us to have a paper we could poke fun at with no malice aforethought for a change. Actually, OPLS paid us a nice compliment by copying our newsmagazine style almost to a tee. (Imitation is the sincerest form of flattery.) A nice change from the Iron Warrior, which, for some reason, has been trying to look like the (ich) Imprint. Try red ink, guys.)

Among the interesting tidbits in this week's OPLS: Rumours of a new science building abound (God forbid). The blatant copying of our very own Prof Quotes reappeared in the form of "Losing All Control". Neil mentioned a campaign to rename the Bill Davis Memorial Library back to EMS. If this is the kind of thing you can get enthused about, I'm sure they could use some healthy mathie support. The back page offers a view of the somewhat fragmented nature of SciSoc. Rather than being (ideally) a cohesive unit like MathSoc, SciSoc is victimized by having rather strong individual clubs, such as the ChemClub and Watrox. As a result, a centrally controlled society is hard to achieve. Maybe SciSoc prez Brennan Hemman can put an end to this. And of course, guys, you realize that Baldwing will probably end up being eaten in a later mathNEWS issue.
mathNEWS congratulates OPLS on attracting Blue Velvet writer and director David Lynch to the staff, a coup of which I'm sure many of the mathNEWS staffers are jealous.

Be sure to look for OPLS again later on this term. Besides being amusing reading, the folks at mathNEWS have discovered it makes a great drink coaster as well.

Randy California
P.S. John - tell your dad I'm taking Econ 202 this year. And we'll see you at the Princess on the 15th, Neil.

## mastHEAD

Okay boys and girls. if you read the edLINES you saw that we're short on staff. In fact, this entire issue was put together by only six people!! While this says quite a bit for them, it's giving me an awful case of fatal burnout. I'd really appreciate any help that any of you could give me. From submissions to typing to layout, everything needs to be done every production night by everyone who shows up. Anyway, enough begging, on to the thank-yous.

The major thanks go to the following: Stuart L Hodgins, Frank Letniowski, Chris Fievoli. Paul Sauve', and 'rookie of the year' Glen Reesor. None of you would be reading this now if it weren't for their stupendous efforts. Thanks also go out to Edwin Hoogerbeets. Stephan Mueller, Jim Thornton, and Jim Boritz. We are also indebted to our contributors (most of whom are the people mentioned above): Sauron, Romeo,Romeo, C+D Groupie. Brett Martin, Marianne Evans, Lisa!. Home Run Baker, Randy California, Daryl Erwin. The Space Cowboy, Al"go"Rithm. Dr. Terrence Till. Ron Vanderlinde, pl.DFA \& C.of.G, One-Armed Phil, Larry Smith, Calum T. Dalek, Johnathon, CYBERMAN, and fletniowski. Thanks also to Hymie and Greener.

I should also like to mention the contributions of DCS. Marion and the crew at Graphics Services, and Little Ceasars for our dinner. Subscribers - thank you too.

Last, and by all means most. I would like to express my thanks to my girlfriend Shcila. Even though she's mostly responsible for my current physical state I appreciate everything she does for me. Happy Valentine's day.

Next production night is Monday February 22nd. Once again, please show up if you've go the time and the inclination. That's a wrap!

John Thomas

## Dopes on a Rope

Engineering Weak

On the anniversary of the Challenger accident, another disaster of engineering origin visited the Math building-a sort of Engineering parade. Between three and four dozen winos lurched through the Math C+D. Muttering incoherently, they followed a contingent of black-garbed men, much like the orange-garbed men who sell you flowers at the airport. It is truly disappointing that even the oncemighty Engineering Society has been humbled by the current wave of student apathy on campus, which seems to have brought interest in student events to an all-time low. Just after the paltry collection had been led on a string back out of the building, mathNEWS called EngSoc for a comment.
phone sound effect
EngSoc: EngSoc.
mathNEWS: Hello. I'm calling from mathNEWS...
EngSoc: mathNEWS? What's that?
mathNEWS: ... and I was wondering...
EngSoc: A bunch of photocopies stapled together?
mathNEWS: ... why your parade was so small. We just had about three dozen of your people here, and it was very disappointing.
EngSoc: What?
mathNEWS: It hardly seems worth bothering you about, but I thought that Engineers had more spirit.
EngSoc: ...uh...
mathNEWS: I remember when I was a frosh, Engineering parades
were bigger, a couple of hundred people. What's happened?
EngSoc: This was a real parade. It was.
mathNEWS: It was very small. (Hmm...People always seem to be saying that to engineers.)
EngSoc: No it wasn't.
mathNEWS: Well, I remember bigger ones.
EngSoc: OK, That wasn't a real parade. Math is too boring. You do the same thing every year. So we just sent a representative group.
mathNEWS: Ah, I see. So that piece of tinfoil they were carrying wasn't really the Tool?
EngSoc: Wait a minute, you're treading on dangerous ground here.
mathNEWS: Well, if the parade wasn't real, then that can opener...
EngSoc: Huh? ... Uh, wait, it was the real parade, yeah. That was the Tool, of course $\ldots$ you weren't close enough to sense its aura. You should have tried it out. It's quite powerful.
mathNEWS: Tried it out? How do you Engineers usually use it? No, wait, mathNEWS is a campus-wide paper. We couldn't print the answer to that.
EngSoc: Huh?
mathNEWS: Yes, well, thank you for your time.
EngSoc: No, wait, if you mean that, whatever you said, you should come out to the Scunt. If mathNEWS or MathSoc are really anything at all you can enter the scunt, now that we've made it campus-wide. mathNEWS: Well, when is it?
EngSoc: March the 4th.
mathNEWS: Thanks for your time. You can go back to playing now. Goodbye.

As you can see, EngSoc isn't even all that sure that they had a parade. It's yet another symptom of a general malaise and apathy that exists on this campus.

Sauron the Magnificent

## Orientation '88

The planning for Orientation ' 88 is now underway. The first meeting was held on Tuesday. Although you may have missed the meeting you can still participate. If you are interested in joining the committee proceed into MathSoc and fill out the questionnaire or leave me a message on the noteboard.

Daryl Erwin
Orientation ' 88 Chairman

## Debating

As some people know, debates are nothing new to the UW campus. There is a debating club, and every term EngSoc organises debating teams to match wits in a formal setting.

Recently, the people organising the EngSoc debates for this term have approached several student societies, trying to get more involvement from other faculties. So far, Science is getting a team ready, and Arts is making some arrangements as well. If math is to be involved, however, some interest must be shown on your part-there is nobody currently known to be interested in running a math team, and it is also unknown whether there is any interest in representing the debating prowess of undergraduate mathies on such a team.

So ... if you are interested in either organising a team, or just being on a debating team, leave a note in the MathSoc office for any of the executive, and you will be put in touch with all of the appropriate people.

# The Official St. Valentine's Day List 

## The Top Ten Contenders to Replace Rudolph Valentino

## 10 - Papa Smurf

9 - Booger (you know, from Nerds)
8 - Tom's Hamster (he's such a romantic guy)
7- Tom (he taught his hamster everything it knows)
6- Watman (unfortunately a posthumous honourary mention)
** Sorry - Due to total lack of comic content, items 5,4, and 3 have been withheld. **
2 - Fred the Math Bunny (you should see him shop at Fred's Mall)
1 - Dino Ciccareli (I know he'd be my pick, what a sweetheart!!!)


## IMPERJUMS TO ORDER

(Role-Playing and War Games)
103 CUEN ST. S. KTICHENR ONTARO, N2G-IWI
$51974-5851$
$10 \%$ Off With This Ad
Valid Until Thursday
February 25th

# The Free Trade Agreement 

The Major Provisions

This is NOT a "free-trade" agreement. It moves Canada and the US to freer trade with somewhat fewer restrictions on the flows of trade and capital. First, it reinforces the existing situation of fret $r$ trade which has come about as the result of the past several decades of GATT (General Agreement on Trade and Tariffs) negotiated tariff reductions. Second, it further lowers barriers to trade and capital in a significant, but not comprehensive way. Third, it begins the process of establishing an impartial agency with power to settle Canada-U; trade disputes. However, many of the existing trade and capital restrictions remain in place in both Canada and the US. Moreover, the complex question of what constitutes "fair" competition is left to future negotiations (which the FTA expects will take 5 to 7 years).

## Tariffs

Tariffs (taxes on imports) to be completely removed in steps by 1998. The bulk of Canada-US trade is already tariff free.

## Agriculture

Tariffs gone but farm support programs and marketing boards remain in place.

## Autos

The Auto Pact, an existing agreement that allows the flow of vehicles across the border and which guarantees Canada a share of production remains in place. Because costs of production are lower in Canada, the guaranteed share of production has been substantially exceeded. Automobile trade policy to be studied for further recommendations.

## Wine and Liquor

Discriminatory pricing and listing of wine and spirits to be eliminated over 7 years.

## Government Procurement

Canadian and US companies will be able to bid on a greater share of the business of each other's government.

## General Services

Many service sectors will get the right of "national treatment." This means that the US will treat Canadian companies in the same way it treats US companies and Canada will do the same for US companies in Canada. Architecture, tourism, enhanced telecommunications (not basic phones) and computer services are among those included.

## Financial Services

Canadian and US banks receive right of national treatment Canada's limit of 25 per cent foreign ownership of a financial institu tion ends. The requirement that no single shareholder owns mor than 10 per cent of the stock of a bank remains.

## Investment

In general Canadian and American investors receive right of national treatment. However, foreign ownership limits remain in place for specific industries in both Canada and US. In Canada, as well as restrictions on ownership in energy, air transport, telecommunications and the cultural industry, Canada will continue to review and can prohibit US acquisitions of Canada companies with assets over 150 million dollars. Below that amount we now agree not to review. Two-thirds of Canadian-cortrolled assets remain reviewable. And any acquisition can still be prohibited under Canada's competition laws and similarly in the US.

## Energy

The US removes most restrictions on our energy exports to them. Both governments retain the right to monitor, licence and prohibit energy exports. Should Canada reduce exports for conservation we agree to provide to the US their historic share of the reduced output. We also agree not to charge them more than our domestic consumers.

## Cultural Industries

The cultural industries, such as publishing, TV, radio, music, are exempt from FTA. However, the US reserves the right to take "equivalent value" from some other aspect of Canada-US trade in compensation.

## Binational Panel Dispute Mechanism

This panel, chosen by both governments but independent of them, will issue binding decisions to ensure that both Canada and the US apply their own existing laws on "unfair" competition without political or lobbying interference. The panel's role may change when Canada and the US jointly decide on new laws defining unfair competition.

Next: The Consequences
Larry Smith

## Olympic Preview

If you've been watching CTV at all in the last month, you know that the Winter Olympics open this Saturday in Calgary, thus explaining the rapid application for co-op jobs in Alberta last fall. This year, there are three new demonstration sports being tried out. (Curling, freestyle skiing, and one that Frank can't remember). However, as always, there were a few that didn't quite make it this time around:

## Chainsaw Tag

After failing on four attempts to become a demonstration summer sport, chainsaw tag's first attempt as a winter sport was also quashed. Immigration officials were worried about having to explain the lack of returning athletes to their native lands.

## Winter Triathlon

In response to the truly silly biathlon, in which competitors are required to ski and shoot, the triathlon was meant to tie in three totally unrelated sports. Triathletes were required to ride a luge down the ski-jumping hill, and do a triple-axel in mid-air.

## Outdoor Swimming

A dismal failure earlier this year when the first outdoor January swim meet in Anchorage, Alaska ended with officials trying to chisel the competitors off an ice floe.

## Uphill Skiing

Actually suggested by the Australian team, it was laughed out of the IOC boardroom.

## Snowmobile Jousting

A throwback to the ancient days of chivalry, which resulted in the goring of several players when first tried on the plains of Nebraska.

## Freestyle Bobsledding

Dropped upon the realization that it was a bit too taxing upon the imaginations of the competitors.

## Snowball Fighting

An ingenious event, it was abandoned when it was discovered that the Russian team was usitig synthetic snow.

Home Run Baker

## CSC Flash

What takes 180 man years and half a billion keystrokes to input and then requires 610 megabytes of disk storage to retain? These are just a few of the stats that Gaston Gonnet revealed to us on January 27 about the Oxford English Dictionary Project.

The OED is an amazing book: The original printed form fills 12 volumes with 4 supplements and the print density is 10 times that of a normal book. Tons of lead plates were used to print it, and although this is not too surprising considering that the project started in 1857, it made updating the material impossible. To make editting and printing easier, the Oxford Dictionary wanted to computerize all of it.

Researchers pulled ideas from databases, text retrieval systems, grammar compilers, and string process languages, to develop Grammar Defined Databases, in which text can be easily manipulated. We also saw how the system works as a general method of handling any book.

Last Wednesday afternoon, there was a colloquium co-sponsored by the ICR, CGL and the CSC. Dave Martindale, of the National Film Board, spoke on the computer animation in the 3D IMAX film called 'Transitions' seen by millions of people at Expo '86. That evening, he showed us several other recent computer animated films in the more conventional Video format.

In future events, we look forward to hearing from Carl Hamacher of the University of Toronto, who will talk to us on some computer related topic yet to be finalized. Then, on March 2, Dr. Johnny Wong will be discussing future plans for MFCF software and hardware. Take note of these, and come out to enjoy the traditional tea and doughnaughts.

Calum T. Dalek

## UltraClassifieds

Anyone interested in the eradication of the abuse of the Imprint Personals Section by varied and obviously psychologically deranged groups please call $555-1212$ and ask for my number. My name is most definitely not Theodore.

For Sale: six slightly used fed election candidates. Bargain basement prices for the upcoming federal election. Phone 'Honest' Larry Grossman's Used Politician Lot. 884-TORY.

## Crunchie Frog .E18387

To the ( $\mathrm{n}-1$ ) people, where n is the readership of mathNEWS, if you don't have the vaguest idea what that last UltraClassified means, don't worry about it.

Wanted: 1 T.F. 2 accompany R.C. 2 T.O. 41 WKND of serious fun. PLS apply in person only. No resume required.

What's Valentines Day without a poem of young love? If the creative inspiration behind this poem is not that sound, I hope that the person to whom it is addressed will forgive the author. Here we go... Who'd've thought, a mere month and a bit ago,
That we would be now where we now are,
And that so much joy and contentment,
Could be derived from so little effort.
At least we've been able to laugh at our
Initial coyness, and give little importance
To our inequalities in absolute years.
To you this day, and hopefully days, I send
Much of a word that's been on the tip of my tongue...
Romeo, Romeo
Wanted: A home where the buffalo roam, a well tuned .303 and an extra large freezer. Will consider moving outside of the city limits.

## mathNEWSquiz \#3

## (Or: Curse of the Subtitles)

Oh no. Here it is, the Valentine's Day issue, and Tom is getting all mushy and sentimental. Please, Tom, give us a break. I know it's all hearts and flowers tonight, but we have a job to do as well. NO, TOM - I don't care if it is Valentines Day, I'm not kissing you! Now bugger off....I'm sorry. I really shouldn't cast aspersions on Tom's character. He's kind of like a farmer - you know, a man outstanding in his field. Besides, Sheila would probably hit me with a large heavy object if I kept this up. So we go to the questions:

## Pseudonyms

1) Born Leslie Lynch King, he later served as a twentieth-century U.S. President. Who was he?
2) Born Steven Demetri Georgiou, now Youssef Islam, inbetween he was a popular folk-singer of the early 1970's. Who was he?
3) Who was children's author Charles Dodgson better known as?
4) What easier-to-pronounce name did Russian leader Lev Davidovich Bronstein adopt?

## Newsmen

5) Who was Chet Huntley's broadcast partner for NBC in the 1960 's?
6) With what infamous papers was Daniel Schorr associated with during the Nixon presidency?
7) Who preceded Knowlton Nash as anchor for The National?
8) What history of the Hitler era was written by war-time correspondent William Shirer?

## Inventors

9) What fifties' musician was credited with inventing the solid-body electric guitar?
10) What aptly-named necessity was invented by Thomas Crapper?
11) What piece of equipment was catcher Steve Yeager the first to use?
12) Who invented the cotton gin?

Seem difficult enough? I hope so. Last week's answers were as follows: 1) Bob Gibson and Denny McLain (Don't drop the soap) 2) Cream (In the sunshine of your lo-o-o-0-0-o-o-0-ove) 3) U.S.S. Pueblo (Anyone remember the hand signals?) 4) Students for a Democratic Society (Migawd, whadda liberal name) 5) The Manson Murders (aka Healter Skelter) 6) 17 (Remember the book?) 7) Union (More liberals! Aaag!) 8) Racine (1634, right?) 9) Give 'Em Hell Harry and Sleuth (Whitmore, Olivier, and Caine) 10) Peter Finch (No, not Bill Holden) 11) Katherine Hepburn (4 for 12) 12) Frank Sinatra (He did it his way?...ugh) The responses for this week were way down with only four, but there was one outstanding effort. The team of Jim, Steve (WLU High), Peter (WLU V.S.) and Brian swept the board by acing the squiz - 12 for 12 . Congrats, guys. That may be a first. However, we like to give the mathNEWSquizExpert certificate to different people, so I hope you don't mind if The (Rotten) Egg gets it this week. He (she?) got 5 right. Egg can pick up his (her?) mathNEWSquizExpert certificate in the MathSoc office. Other contributors were Fizz \& The DT Bomber (3) and Gumby \& Pokey (2). So how do I get this magic certificate, you ask? Simple. Try this week's squiz and submit your answers to us via the BLACK BOX in MathSoc (MC 3038) or under the mathNEWS office door (MC 3036). Deadline is 6:53 and 17 seconds pm Monday, Feb. 22, 1988. Enjoy your quasibreak next week.

One-Armed Phil
The mathNEWSquizmaster


Across
8. Black weight of spring (6)
9. Ron meant to decorate (8)
10. American light perception chaos (8)
11. Example-high notes with current mother spider's product $(3,3)$
12. Out of control to be all right? (4)
14. Mould a brain part that can be overbearing (10)
16. Measure a small company title hard (4)
18. Morning with the loveless S. African was yellow (5)
19. Left energy nevertheless a long cylinder (4)
20. Icicle-like is the least tacit arrangement (10)
22. Dogs back pace (4)
23. Tungsten rim of many jammed in tight (6)
24. Same handle to make sane (8)
26. Exploit of a computer key and a pillow with energy (8)
27. Mother splits Dorothy's dog for the fruit (6)

Down

1. A tramp may have nothing in an American cable company (4)
2. No luck may open (6)
3. Exist split for sake (6)
4. Alone as behold (4)
5. Conclude I have no right to be lowly (8)
6. A letter I allot to the departed citizen (8)
7. In before the cold, I take French wheat as certain (10)
8. The moon arranged an article to be made initially Christian (10)
9. A Jew reads a drab Bible (5)
10. Real-life picture of a numberless water diary and Aries (8)
11. A rustic curve takes a year to help up an indefinite number (8)
12. Direct minty way of hatred (6)
13. Seeds have style head and tail unchanged (6)
14. Not one letter at Christmas! (4)

25 . Set way for a toy (4)

## Grid Sensations

Here we are again in the world of the GridWord. There was an excellent response from last issue, ie. 36 solutions were submitted of which only one was incorrect, including 10 conventional and $25(+1)$ cryptic.

You may have a sense of deja vu on doing this GridWord since it is a reprint of one from a few terms back. I'm hoping that most of you won't recognize or remember it. It looks, from the number of original submissions, that this may be challenging.

Duh winnas o' da week be: ©ristine ©hambers for being conventional and $\mathbb{C}$ arlos $\overline{\text { Ponaald }}$ for being cryptic. Winners were chosen by the pseudo-random "Lisa the MathSoc president of Fall and Winter 1988 who chose the number $3^{\prime \prime}$ method. They may receive their prizes by going into the MathSoc office (MC3038) and stand on their heads for 45 minutes ....... or else they can demand it from the office worker. These other people also returned correct Grids: Kim Monique. Psiman, Georg Frederic. Nights at the round table. Mark Earnshaw, Peter Found. Dave \& Kevin \& Linda \& Jim \& sometimes " $y$ ". Dalton Campbell \& Anne Marie Chung. FECK. Luke Robertson, Anne (hyphenless, except in FASS paraphenalia) Marie \& David, Pand Ron. Woody Tobias Sr., Stinky bum et al., Zamil Janmohamed, James Cherry, Stephen (I got one answer) Gibbs. Burke Pond. Sir Bobbity \& Lady Linney-kins, Nomen Varius Paulus Tribuna, melunney, Brave Brave Sir Robyn, Matt Harding, dork 'n geek. Gumby \& Pokey, Cindy Hayward, Lynda and the gang, NOSFERATU, melunney II, Fizz \& the DIBomber. "RR" missed one answer, but I believe it was just a copying error.

Thou mayst submit thyne answers to the Grid of this week via the mathNEWS office (MC3036) or in the BLACK BOX of the MathSoc office (MC3038). The deadline is 19:00 on Monday, February 22, 1988.


Across
8. SMOKED FISH
9. FOREIGNER
10. INCORRECT DESIGNATION
11. MAKE
12. CHEESE
14. DETERIORATE
16. THE EAST
18. WHINY CRY
19. QUIETEN
20. BOARD GAME
22. SURROUNDING ESSENCE
23. CLIMBED
24. GUARD
26. WINDS
27. HOLIDAY

Down

1. ISLANDS
2. BATHROOM TOOL
3. SET UP
4. CERTAIN RUSSIAN
5. TERRITORIAL DIVISION
6. ESSENTIAL
7. NON-DRINKERS
8. FACT-FINDER
9. SHINE
10. BATTERY TYPE
11. VERY RECENT (hyph.)
12. EGG-NOG FLAVOURING
13. SURPRISED
14. CLEANSE
15. SO BE IT

Comment

Favourite bar: different parts of Beethoven's Fifth. Queen's Council, Hall of the Mountain Grill, chocolate, Mars, etc.. Foo, open. The Lieutenant's Pump. Sinistre. Cheers, Bombshelter on Wednesdays, nanaimo. The one Dan'l Boone kill't. Rosie's, I'm underage. Saint Charles at York, Ivory, Barbapapa, Eddly's home of SNOWBLIND (I think that is a plug), Bar none!, RPM, Conan the Barbarian, Friday 13th (Quebec), one with Bud in bottles.

Comments: Eat me, I'm Danish; I hate midterms; /**; What's with the swastika guys, this puzzle Communist? (typ. 1: not really a swastika, 2: learn some history!); vive le GridWord; Where are 12 -across, 22 -across and 24 -across? (typ. Ahhh you make me fecl better-you-look again, did you mean 12 -across?); Will WATMAN go into reruns? (typ. NEVER), GridWord.too? (typ. see this issue) (typ. I forget how to do the umlauts. Dave); Wayne, where's the bloody Gin?; I have grey hair; Verily, thou art a ready knave "Oogh", Churchy La Femme, or is that "Org"; When is "GridWord: The Motion Picture" coming out (typ. Never: you know all about ST:TMP?); Bring Rock 'n roll to UW'; My mistress eyes are nothing like the sun (typ. what are mistress eyes?); My check s in tho mail; insatiably sanguinary; Watman lives! (typ. NO dies, like about 5 to infinity times now); see cryptic; see conventional.

That just about does it. Have fun and I'IV he back in black type next issue.
fletniowshi

