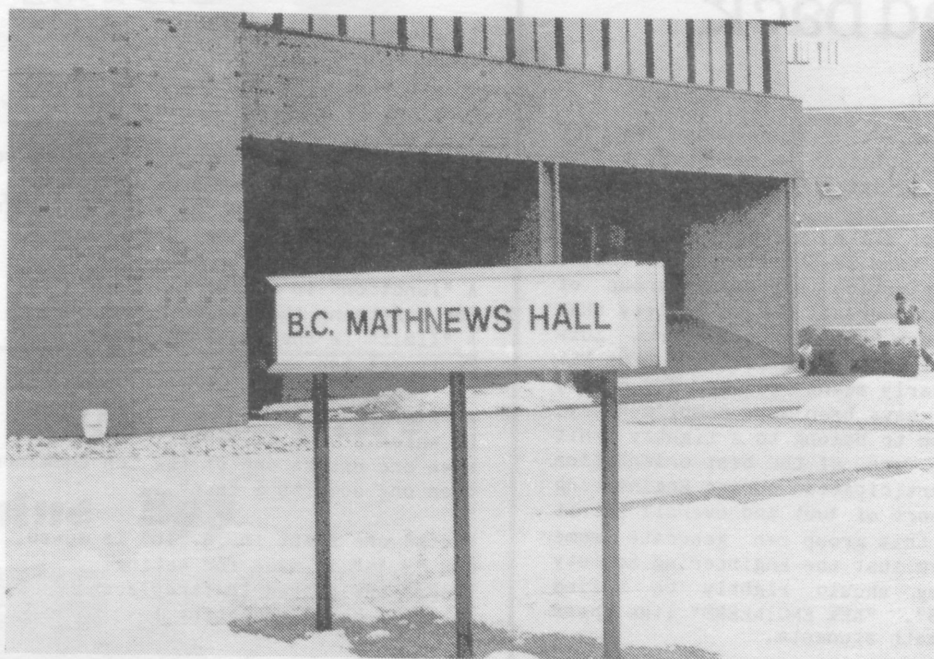



mathNEWS Opens West Coast Office!



Volume 28, Number 3.

Friday, March 26, 1982.



mathNEWS

summer 1982 WATPUBS

Toronto

May 5, 1982 The Jolly Miller
May 12, 1982 The Brunswick house

Calgary

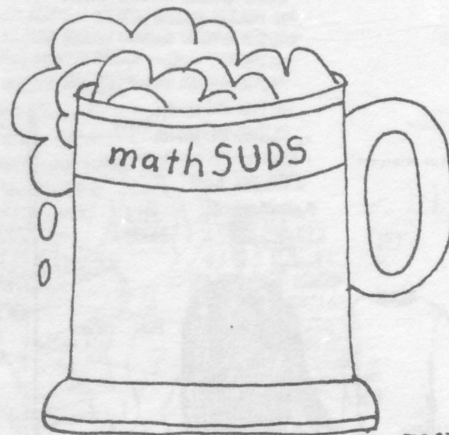
May 5, 1982 Westgate hotel on Bow Trail
May 12, 1982 Highlander Hotel - 'The Fling room'
16 Ave. N.W.

Ottawa

May 6, 1982 Molly McGuires
May 13, 1982 Stoney Mondays

Montreal

May 5, 1982 The Annex on Bishop St.
(Above St. Catherine St.)
May 12, 1982 Grand Boc Brasserie
(Across from Place Ville Marie)



ZØRT

Additional Pub information will be available at the first pubs or from MathSoc. Publine numbers will be available at a later date.

Sponsored by MathSoc

feedback

Dear Editor:

I'm writing this letter in response to the letter by Drew A. Sullivan in mathNEWS, volume 28, number 2, page 3, dated February 12, 1982.

In four years of being a Math student at this university, this is the first time that I have seen an enthusiastic, energetic group of students attempt to create a Math Society that ALL math students can be proud of. Drew Sullivan's opinion of this group as being "THE NEW ENGINEERS" was clearly meant to be derogatory but he couldn't have been more complimentary. Engineers are known to belong to a tightly knit faculty that has one of the best orientation programs; class participation during Engineering week is nothing short of 100% and overall spirit is very high. If this group can generate some of the enthusiasm that the Engineering Society has done, then they should rightly be called "THE NEW ENGINEERS". "NEW ENGINEERS" like these can only benefit math students.

Drew's referral to the recently held wine & cheese as a private party shows that he doesn't really know the student body he is trying to represent by running for MathSoc office. I have never seen more math students from so many different years participating in a math function. True, most of the people who were there know Steve Lightstone and Steve Wolfe, but they know them because these two math students have made it a point to meet as many other math students in all year levels as is possible. Only by knowing people in other classes is it possible to get a real feeling for the things that Math students want MathSoc to do for them.

In closing, I'd like to point out that in his letter, not once did Drew mention what HE would do for math students should he be elected. This leads me to believe that he would do nothing. MathSoc would not change, and my last year at Waterloo would be spent at all the Kin and Engineering functions - the way I've spent my previous 4 years.

Jerry Nieuwesteeg
3B Math

Ode to Prof. Scoins

If you know not Calculus,
Avoid 120B !
Or you will wind up nuts like us;
Just try it and you'll see !

We're all familiar with Prof. Scoins words
Defining this and that,
But those words have different meanings
Than those we know down pat !

A "function" is another word
For something that we do.
A "limit" is the speed allowed
To travel fro and to.

A "differential" is a point spread
By which a team will win.
When one breaks one of the Ten Commandments
Then one commits a "sin".

"Cots" are slept in, a "ln" is mowed,
And "3.14" is made for eating,
"logs" are placed in fireplaces
To aid a house's heating !

A "rational number" is one with brains
Who can think, decide and reason.
One gets a "tan" in Florida
If they're in the right season !

A baseball scoreboard is where "e" belongs,
When a player drops the ball.
"Geometry", a seed exclaims
When it grows big and tall !

One gets "integrated" when
One doesn't pay his taxes.
"Secants" are people who are blind;
One cuts down trees with "axis" !

And "x", and "y", and "z", I swear
I'll believe until the end
That "y" is a question, "z" a car,
And "x" an old girlfriend !

Thomas J. Valcke



Lockers

Be sure to return your locks to Math Soc by Tuesday of next week!

Nancy Hill's Sunshine Boy



This week's Sunshine Boy, "Stud", plays squash with soft balls and swears by powdered rhinoceros horn.



Galumphing Gourmets

L'Envoi

This is the last Galumphing Gourmets article for this term and possibly the last altogether. The reader response to this column has been nil. Our appeal for inclusion of reader's recipes has fallen on deaf ears, and we have nearly given up. The hard times are also contributing to the demise of the group of galumphers as it is getting difficult to find disposable income for use in gathering material.

Mother's on King Street, Waterloo.

We don't usually review pizza parlors, but we were desperate. It is getting too expensive to galumph on a regular basis as inflation goes on and income is fixed. An nth visit to Mother's tonight prompted us to review it in light of some real improvements in the food. Chicken wings and ribs have been added to the regular fare. We tried the ribs with the honey-garlic sauce and were mildly delighted both by the presentation in a fancy wicker tray and by the quality of the nicely roasted ribs with a not too, too sweet sauce. Other members of the party enjoyed the lasagna, chicken cacciatore and a pizza. As usual, the spaghetti was bland and overcooked. The chicken cacciatore was acceptable with respect to the microwave it was cooked in, and the accompanying sauce was somewhat thin and watery. Garlic bread with melted mozzarella was quite good, although it could have had a little more cheese according to one of those present. Your reporter found the sparing use of the formaggio rather delightful.

It was interesting to note that the salad bar, while seemingly available was "closed". The service was typical for a very late Friday evening. Slow. The place was very crowded and the table set up was incomplete. There were no knives on the table. This lack of fundamental instrumentation made the consumption of the chicken and ribs difficult until the cooling process became more advanced. However, the serving wench was finally prevailed upon to notice our plight and rectified the situation with suitable apologies. This caused us to reinstate the tip.

Opinion on the quality of the pizzas served by this slick, portion-controlled operation varies from reserved to negative. On the whole, we recommend it as a place when you can't think of someplace else.

Dinner for four, with drinks was \$33.
Major cards. Licensed.
7 bunnies, March 20, 1982

Previously Rated

Wok with Chan - 160 University West, Waterloo.

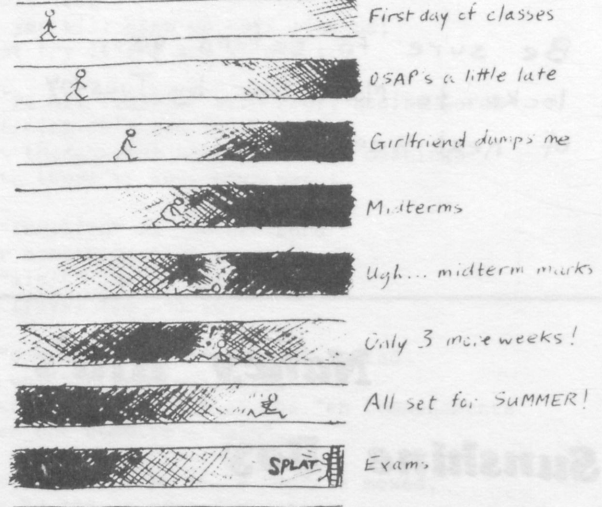
A rather ho hum Szechuan restaurant close to the campus. It is real Szechuan, though, with the chili oil on the table. Orders must be checked carefully as they arrive as things get forgotten. Slightly recommended. Dinner for 2 about \$15. Unlicensed. Mastercard and Visa.
5 Bunnies. January 4, 1982.

Visited Once

The Texas Steakhouse, Waterloo Square.
McGinnis Landing, University Plaza. (Twice actually, but...)

jcwinterton et al

The Tunnel



R-TB

Developer Au Gratin

This is a good dish for a party as it can serve up to 16 depending on the size of the developer. Stuffing the developer can be a little awkward at first, but you'll get the hang of it with a little practice.

1. Check your local Sears' "Party Supply Shoppe" and ask if they stock developers. Chances are they don't and you'll have to catch your own. But not to worry -- developers are easy to catch. Their habit of underestimating the intelligence of those around them make them unsuspecting prey.

Hint: One method of developer catching I've been pleased with is baiting a trap in the corner of the computer room with a book. Not just any book, of course -- the title is very important. The two most successful for me have been a lurid sci-fi book with a cover picture of two androids cloning, and a self-help book entitled "How to Find Fun Though Dull, Cheap, and a Hypochondriac."

2. Now that you've got your developer, clean thoroughly and discard any inedible portion (propeller beanie, hiking boots, etc.).
3. Soak overnight in a combination 1 part vodka to 3 parts teriyaki sauce. In the morning, stuff with ground meat and wild rice.
4. Dig a large hole and fill with charcoal briquets. When the briquets have gone from red to white, lower the developer into the hole and cover with seaweed.
5. Cook 1 hour per 50 pounds.
6. Place developer on a large platter and sprinkle well with a combination parmesan and romano cheese. Garnish with carrot curls and radish rosettes.

Purdue Electrical Engineering - Usenet

UW arts centre NEWS

COMING EVENTS

Outer Limits and Other Spacey Things

A variety of presentations by the UW Dance Dept. especially for children 8 to 12 years old.
Sat., March 27 at 1:00 and 3:30 P.M. \$2.50 -- children/seniors; \$3 - others.

The Pavlova Celebration

An evening of ballet originally performed by the famous Anna Pavlova featuring the celebrated artists, Starr Daniels and Gregory King.
Tues., March 30 at 8:00 P.M.
\$10.50 (student/senior \$9.00)

NEXUS

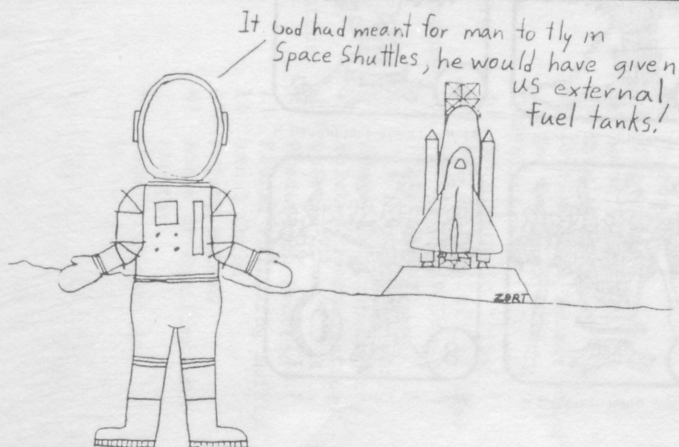
North America's Premier Percussion ensemble perform their unique combination of jazz, symphonic, cultural, and contemporary music.
Children's Performance
Sat., April 3 at 1:00 and 3:30 P.M.
\$2.50 - children/seniors; \$3.00 - others
Adult Performance
Sat., April 3 at 8:00 P.M.
\$6.50 (student/senior \$5.00)

PINBALL MACHINES

Much argument has erupted this term over the pinball machines in the smoking lounge on the 3rd floor of the M&C. The noise from the beasts has so enraged some that a petition was launched to banish them. It garnered a total of 67 signatures and further prompted a mathNEWS survey. In response, we received only two in favour of keeping the machines, 68 against and two who didn't care (or wake up when nudged).

One of the problems with the removal of pinball from the lounge is the loss of revenue. They generate approximately \$125 per month for the Math Society.

However, they may soon be gone anyway. Currently, the C&D is considering major changes to both lounges. First, the smoking and non-



M.F.C.F. Upgrades for Springs

The Mathematics Faculty Computing Facility's Honeywell 66/60 is to be upgraded. Honeywell is donating a new front-end (communications processor), a new printer, 2 new disk units, and a new console for the 66/60. The system will go off the air on April 7th and will return April 16th.

Field operations will be performed on the CPU to enhance throughput by about 20%. The user would notice two things when this is done. We will have only about 72 ports on the BUN instead of about 80, but all hardwired ports (the 3rd floor terminals) will be set to 9600 baud. Two additional MSU451 disk drives capable of storing 400 megabytes will give us 41% more on-line storage capacity. In addition, another printer (Pru1200) will replace the CDC512 giving us uniform output capabilities. A new card reader will replace the now obsolete CR2201 reader.

MFCF will be removing the three small "high-speed" terminal rooms on the 3rd floor to allow expansion of the hardware laboratory -- the hope is that the one "slow-speed" room (MC3018) will provide enough bandwidth for 3rd-floor users at 9600 baud. If this does not turn out to be true, MFCF will enable the Gandalf terminals in MC3022 so that they can access the BUN. For the Graduate Terminal room (MC5046) the number of SYTEK ports to the BUN will be increased to 6.

Additionally, the next version of the GCOS operating system will be installed for us to serve as a test site. The immediate effect of the hardware and software changes will be to cause the BUN to operate in yoyo mode for 1-3 weeks, depending upon our luck and our favour in the gods.

The VAX has just undergone its major upgrade for the year. We have added an additional 16 ports, half of which have been assigned to the SYTEK network, and the other half of which have been scattered to sundry purposes. A faster hard line connection to the BUN should round out the VAX improvements in a couple of months. The MFCF operated VAX/780 (watmath) will be down from April 7th to April 9th while the wall between the Honeywell and VAX computer rooms is removed.

Last summer the air-conditioning could hardly hack the two machines through the tiny ducts in that wall, and we are hoping that this will correct the situation. The VAX will also be relocated in the room in order to improve access to the physical hardware. While some minor inconvenience will be experienced by the user community during this period, we will be able to offer a much improved service when these changes are completed.

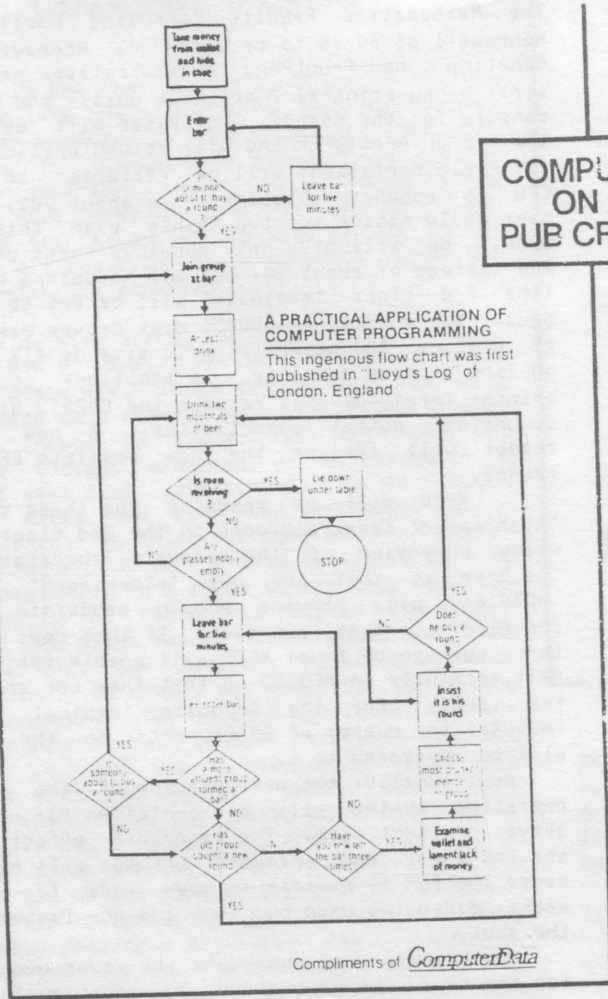
Richard Bartels
MFCF Director

Gary Embro
MFCF Operations Manager

smoking lounges would be exchanged. The C&D itself would be moved to the area now occupied by several Canteen of Canada machines and the pinball machines. Locks would be placed on a new door at the entrance to the interconnecting hallway and on the sliding door.

At the moment, any changes or modifications would probably not go ahead until after the end of classes this term.

Mark D'Gabriel



I promise you,
This is not the
way to get
Stoned!

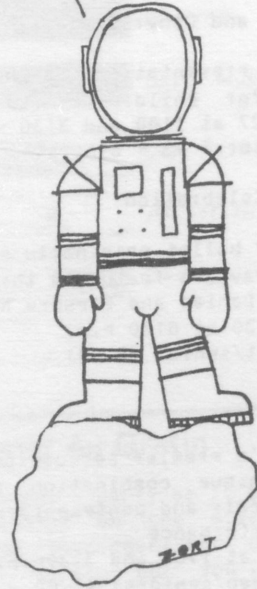
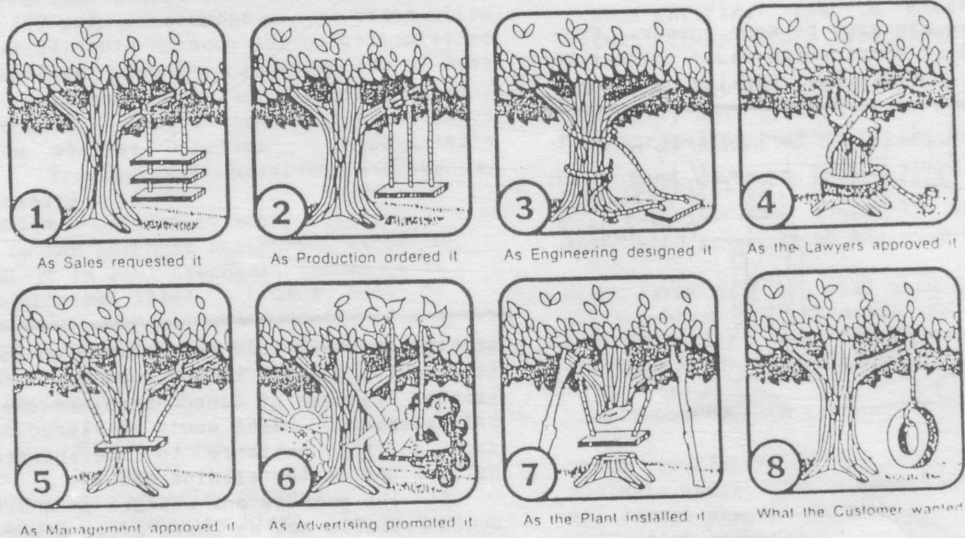


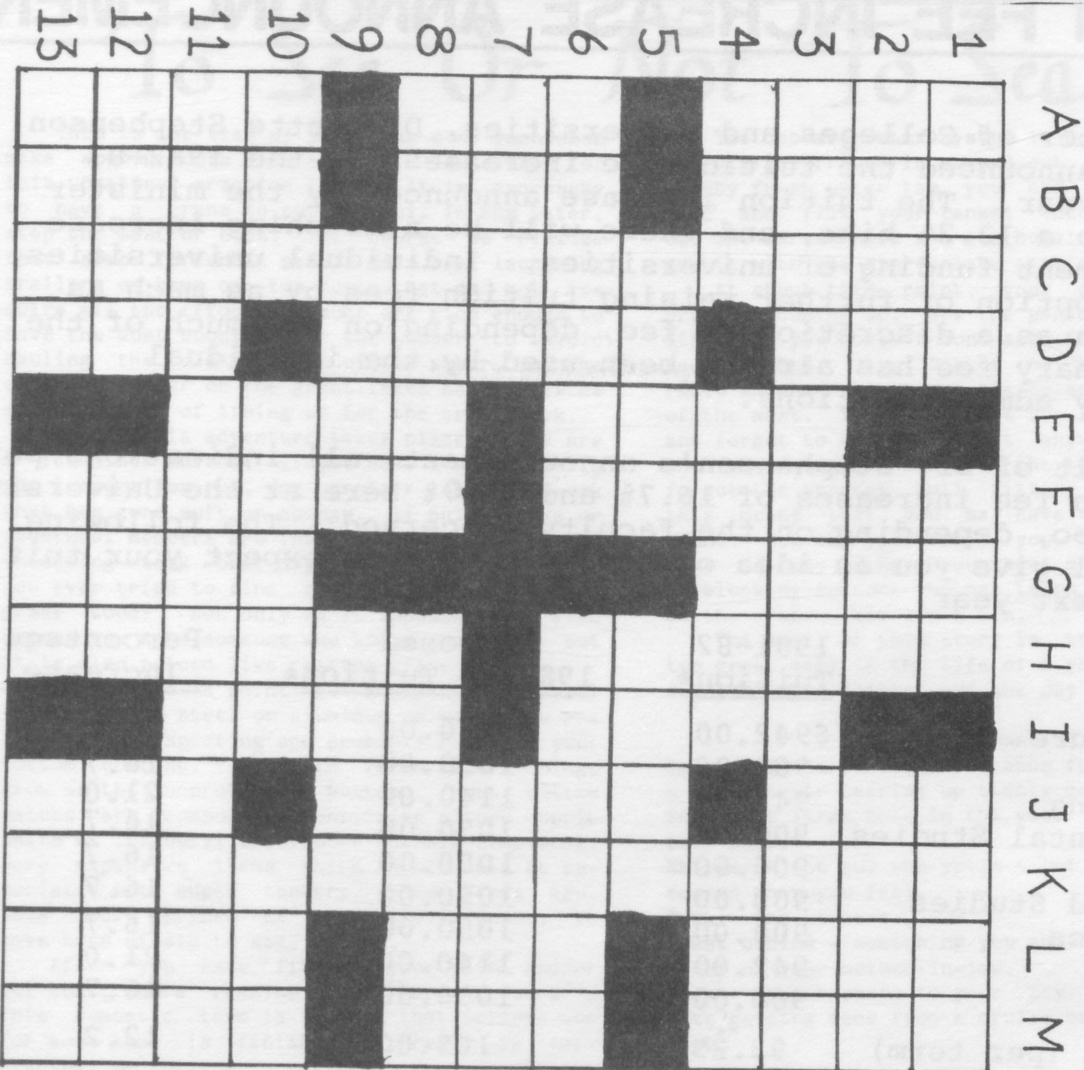
CHART OF STANDARD BUSINESS PROCEDURES



Gridboard

Please submit your solutions to the mathNEWS office by Friday, April 2 at 4:30 pm (MC 3035). Winning entries will receive an all-expenses paid trip for two to Pushinch.

:boff



ACROSS

- 1A Food
- 1F Microfilm from Computer
- 1J Deposed African Despot
- 2A Pain
- 2F French Friend
- 2J Western Defense Alliance
- 3A Computers (2 wds)
- 4A Additionally
- 4E Ringed Boa
- 4K Utilize
- 5C Isn't You (2 wds)
- 5H Location Now, and Originally (2 wds)
- 6A Sibling
- 6H Oil and Wax Ointment
- 7A Malarial Fever
- 7J Venerable Image
- 8A Seabird
- 8H Statement of Identity from Emperor Otto I (2 wds)
- 9C United States Marine Academy
- 9H Bill of Fare
- 10A Formerly
- 10E Structural Member
- 10K Lab Animal
- 11A Local Financial Institution
- 12A Parallel
- 12F Kanga's Son
- 12J In The Case Of (LEGA)
- 13A Polio Vaccine Inventor
- 13F "No Show" Grade Report
- 13J Conscious Selves

DOWN

- A1 Trivial
- A6 Hang Down
- A10 Marries
- B1 Summit
- B6 Food Store Chain
- B10 Water
- C1 Exclamation of Strangeness (3 wds)
- D1 Indian Measure of Weight
- D5 Machine Guns
- D11 Kind
- E3 Subdued
- E6 Discharge
- F1 Bona Slightly
- F6 Bugle Banner
- G1 A Plea to a Former ruler of China (2 wds)
- G10 Black
- H1 An Algonquin Tribe
- H6 Not Being Aloft (2 wds)
- I3 Emotion Felt Toward Puzzle Maker
- I6 Tot's Demand (2 wds)
- J1 South American Cuckoo
- J5 Bejebea Constellation
- J11 Untruth
- K1 Production Process
- L1 Plural Following Suffix
- L6 Small Child
- L10 Fizzy Hairdo
- M1 Roman or Aquiline, for example
- M6 Bubbly Stomach Aid
- M10 16 in Golf

TUITION FEE INCREASE ANNOUNCEMENT

The Minister of Colleges and Universities, Dr. Bette Stephenson, recently announced the tuition fee increases for the 1982-83 academic year. The tuition increase announced by the minister amounts to a 12.2% hike, and there will be a matching increase in government funding of universities. Individual universities have the option of further raising tuition fees by as much as 10%, known as a discretionary fee, depending on how much of the discretionary fee has already been used by the individual university administrations.

As a result of Dr. Stephenson's announcement, all indications point to tuition fee increases of 16.7% and 21.0% here at the University of Waterloo, depending on the faculty concerned. The following table will give you an idea of how much you can expect your tuition to rise next year.

<u>Faculty</u>	<u>1981-82 Tuition*</u>	<u>Proposed 1982-83 Tuition*</u>	<u>Percentage Increase</u>
Architecture	\$942.00	\$1140.00	21.0 %
Arts	900.00	1050.00	16.7
Engineering	942.00	1140.00	21.0
Environmental Studies	900.00	1050.00	16.7
HKLS	900.00	1050.00	16.7
Integrated Studies	900.00	1050.00	16.7
Mathematics	900.00	1050.00	16.7
Optometry	942.00	1140.00	21.0
Science	900.00	1050.00	16.7
Co-op Fee (per term)	93.25	105.00	12.2

*Note: These figures represent fees assessed for a full course load for an eight month period (two terms).

The following meetings have been scheduled where tuition fee increases will be discussed. The Federation of Students is urging students, staff and faculty members who are concerned with the rising cost and declining quality of education here at the University of Waterloo to attend either or both of the meetings listed below. A demonstrative show of concern at these meetings is sure to produce a positive response from members of both the Senate and the Board of Governors.

If you require any further information please contact the office of the Federation of Students in the Campus Centre. The telephone number is 885-0370; the on-campus extension number is 3880.

BOARD OF GOVERNORS

Tuesday, April 6 at 10:00 a.m. NH 3001

To Sea Or Not To Sea ...

This is the time of year when most yachtsmen make appointments with a crane. The reason for this unnatural practice is that it is necessary to have a crane to put the hull in the water, step the mast or both. Of course we realize that some fortunate people have self launching trailers or have car-top boats that do not require all the effort and some are rich enough to have the boat bubbled over the winter to avoid hauling the old girl out of the water, but the ordinary boater on the great lakes has the twice annual ordeal of lining up for the crane dock.

Before this adventure takes place, there are a few minor duties. If you have a wooden hull, you inspect for rot, and replace any woodwork that has gone soft or spongy. If hull planks or structural members are involved, this can be an interesting task that may take all summer. Have you ever tried to find properly dried, marine grade wood? Not only is it impossible to find unless you know someone who knows someone, but it is also priced like reactor grade U235.

Then there is painting. Whether your hull is plastic or steel or aluminum or wood, you are faced with inspecting and probably renewing your bottom coating. Even in fresh water, things grow on the unprotected bottom. Most bottom paints are compounds containing either cupric salts or Tri-butyl tri-fluoro stannic compounds. Very expensive items which should only be associated with super tankers. Two years ago, this stuff priced at about \$30. a quart. We have been afraid to ask, lately.

After you have fixed up your paint and/or gel coat, there remains the "bright work". This romantic term is the one that sailors use for wood that is finished naturally by varnishing or oiling. Having been out in the weather for a year, it will need sanding and refinishing. So far, we haven't even gone inside the cabin.

When you open up the accommodation spaces, there is the inevitable hunt for mildew, rot and other nice things, like enormous spider webs full of egg cases, which have to be got rid of before the hatching. If, like your reporter, you have stored your cushions aboard, careful cleaning and airing are needed. For this you need a sunny day. hah! Two or three weekends of steady rain will be your lot.

If you have a sail boat, you have to inspect and repair your sails and rigging. At the prices riggers and sailmakers charge these days, it is better to do this yourself. Naturally, specialized knowledge is needed, but it can always be found in the library.

Engine maintenance is also something most yachtsmen do themselves. With a diesel engine, this consists of putting the engine thermostat back in, changing the fuel filter and the oil. Marine engines are in the bottom of the boat, so there is no way to get at the oil pan. To change the oil you put a hose into the filler pipe and pump it up. Next, you check and, perhaps, reconnect the transmission and inspect the packing in the stuffing box that keeps the water out (mostly) while the propeller shaft is turning.

The onboard water system is enabled, and the potable antifreeze is pumped out. If you have a nearby fresh water tap, you can hook up your hose and fill your tanks. Then you can flush out the marine head and its holding tank, then arm it with the appropriate chemicals.

At about this point, your date with the crane is coming up. Now the panic starts as you find that you haven't done all the things you had planned. You forgot to hook up the new radio antenna and to run the co-ax up the inside of the mast. You didn't get the licence either, and forgot to bring the unit anyway. Besides, the soldering gun isn't in the tool kit and you forgot the through hull fitting anyway. All this means that you may have to postpone the crane. Now the yard tells you that you will have to pay to have your boat moved because it is blocking someone who has taken over your slot on the crane. You can't win.

The moral of this story is that there are two great days in the life of a yacht owner: the day you take delivery and the day you sell it!

Definitions

Yachtsman - a person who stands fully clothed in a cold shower tearing up twenty dollar bills.

Boat - a large hole in the water into which you pour money.

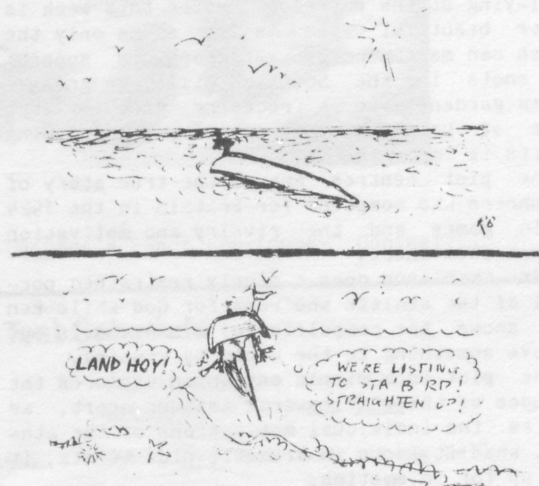
Skipper - the guy who yells a lot and looks more scared than you feel.

Crew - the workers.

Avast behind - something you should never say in front of your mother-in-law.

Dock - what happens to your pay when you are late getting back from a cruise because the boat sank.

John Winterton



There are still a few Wonderland T-shirts available (ie Math Frosh '79 shirts that don't say they're Frosh shirts). Baby blue or Beige @ \$6.00 each. Sizes - take your chances. Leave your name on the list on the board in the mathSOC office.



MATHWEEK News

mathNEWS Hierarchy of Intelligence

Car Rally

1st Place	Driver	Richard MacDonald
	Navigator	Dave Arbathnot
2nd Place	Driver	Glen Wood
	Navigator	Sam Ehai
3rd Place	Driver	Joe Geremia
	Navigator	Barb Richardson
Special Mention		Amin Nazarali
		Isbal Kassam
		Salim Dhalla
		Asif Allibhai
		Zamir Ladhani
		for Best ("worst") Looking Car

And Don Carter and the Welland boys for being the only team to ditch their cars!

A wheel of thanks to those people who came out. Special thanks to our co-ordinator and organizer Richard (Dicker) Verhoeve. The rally was a burning success and I look forward to hitting the road again in the Fall term.

Ski Night

February 9 a fearless bunch of Mathies (and 4 Artsies and an Engineer) set out on an expedition to the Mount Everest of Kitchener-Waterloo. Yes, there it was, dominating the ski line; upright and daring -- MOUNT CHICOPEE!

Our hired ambulance attendant reported no severe injuries or fractured skis. And of course, we can't forget the apres-ski after a hard day on the slopes. Thanks to all those who came and a special thanks to Scott Sinclair for organizing Mathweek.

Ski on!
Joe Geremia

Movie Review : Chariots of Fire

Playing at the Waterloo Theatre this week is another beautiful film as it seems only the British can make. The cinematography is superb: from snots in the Scottish hills, to groomed English gardens, to a receding view of the cliffs of Dover. The authenticity of costuming and sets is impeccable.

The plot centres around the true story of two runners who competed for Britain in the 1924 Olympic games and the rivalry and motivation that got them there.

Ian Charleson does a nicely restrained portrayal of the athlete who runs for God while Ben Cross shows the compulsion of a man who is out to prove something to the world by winning.

The plot is a simple one which explores the attitudes of the time towards amateur sport, as well as the individual motivations of the athletes. What it lacks in dramatic plot twists, it makes up for in emotion.

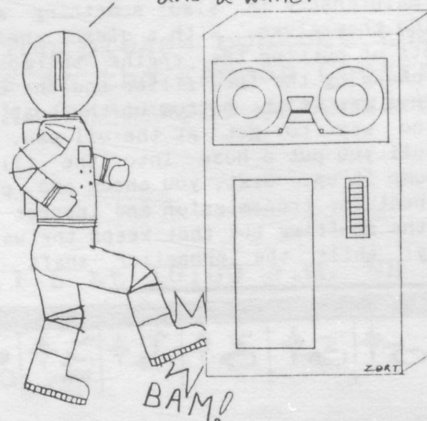
It is an engrossing film that builds tension frequently with slow motion and intense synthesizer music similar to the title theme. The defeats of the athletes are agonizingly portrayed from many camera angles and the triumphs are as glorious.

This movie may not convey any memorable message, but its emotions are enough. What it does convey is the feeling of exultation in striving for something and sometimes winning it. A perfect break in the middle of mid-term and mid-winter blahs.

Jane Roberts

Beryl Wall
The Natural Log
Rene Descartes
Isaac Newton
Stud McGee
mathNEWS Staff
Lewis Carroll
UNIX
FASS
The Pink Tie
jcwinterton
C&D Staff
Graduate Mathies
CS Majors
MathSoc Executive
Other Mathies
Watsfic
Honeywell
Commodore PET
The Warriors Band
Woofers
fred
T1-59's & 58C's
Math Profs
IBM
Gandalf Boxes
C&D Coffee
Science Students
Dungeons & Dragons
Kin Students
hewlett-Packard Calculators
IS Students
CKMS-FM
T1-55's
Gazette Staff
Student CMS
WIDJET
Imprint Staff
Artsies who take CS Electives
University of Guelph
TKaSh-80's
CSC
TA's
Markers
Rec Students
Other Artsies
Engineers
Wim Simonis
WLU
Plummer Harohead Band
Graduate Engineers
Co-Ordinators
The Limp Tool
EngSoc Executive
Chevron Staff

The System needs an IPL every once and a while.



mathsoc winter 1982

MathSoc Executive

Steve Lightstone President
 Steve Wolfe Vice-President
 Joe Geremia Treasurer
 Bruce Glassford Administrator
 Steve Bright Social
 Andy Morton Education
 Rob Ferguson Speaker & Internal
 Barb Richardson Mathletics
 Andy MacDonald Mathletics

Publicity

Rob Dreyer
 Andy Morton
 Dave Graham
 Glenn Waters
 Andy MacDonald

Orientation

Steve Lightstone
 Cathy Brown

'84 Grad Yearbook

Gail Matthews
 Lee-Ann Kundinger

Semi-Formal Committee

Alison Ojala
 Steve Kace
 Mark Batten
 Elizabeth Carew
 Anne Ramsay
 Shirley Chung
 Graham Mackay
 Collin James

Mathweek Committee

Scott Sinclair
 Don Carter
 Joe Geremia
 Dave Graham
 Richard Vernouvie
 Andy MacDonald
 Barb Richardson

MathSoc Council

Al Bechamp 2 Regular
 Rob Ferguson 2A Co-op
 Matt Liness 2A Co-op
 Ross Morrissey 2B Co-op
 James Puttick 2E Co-op
 Robert Quinn 3 Regular
 Drew Sullivan 3 Regular
 Mike Sawyer 3 Regular
 Steve Hagar 3A Co-op
 Don Carter 3A Co-op
 Walter Steinemann 3E Co-op
 Ted Dyjach 4 Regular
 Rick Kroetch 4E Co-op
 Gavin Welbourn 4E Co-op



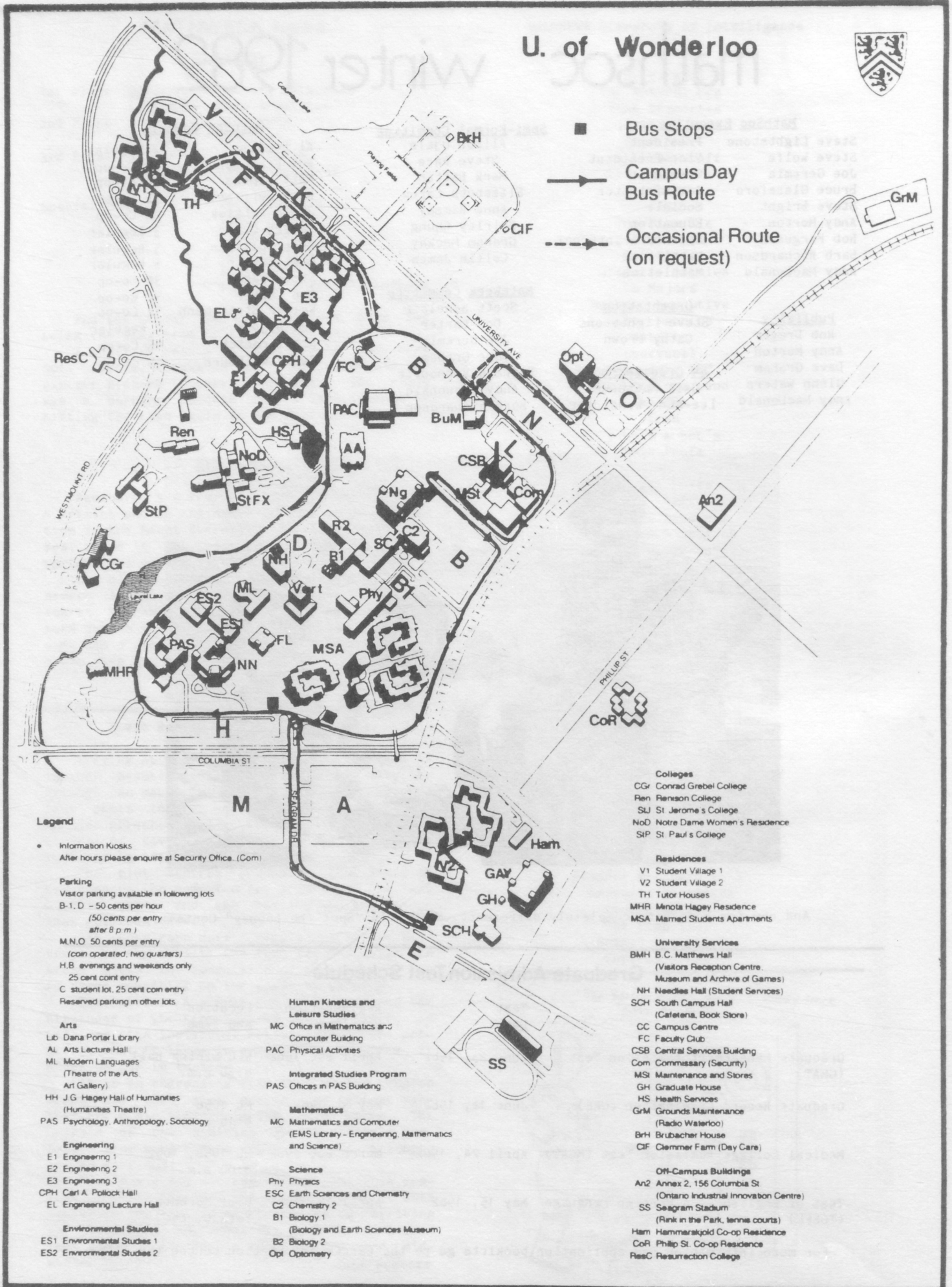
And now for something completely different...MathSoc's "Spot the Looney" Contest...

Graduate Admission Test Schedule

	<u>Test Date</u>	<u>Registration Deadline</u>	<u>Location and Time</u>
Graduate Management Admission Test (GMAT)	June 23, 1982	April 29, 1982	WLU Dining Hall 8:30 a.m.
Graduate Record Examination (GRE)	June 12, 1982	May 3, 1982	MC 1056 8:15 a.m.
Medical College Admission Test (MCAT)	April 24, 1982	March 26, 1982	MC 1050, 1052 8:00 a.m.
Test of English as a Foreign Language (TOEFL)	May 15, 1982	April 12, 1982	U of Toronto, York U, etc.

For more information and application booklets go to the Career Information Centre (Nh 1115).

U. of Waterloo



Legend

• Information Kiosks
After hours please enquire at Security Office. (Com)

Parking
Visitor parking available in following lots
B-1, D - 50 cents per hour
(50 cents per entry after 8 p.m.)
M.N.O. 50 cents per entry
(coin operated, two quarters)
H.B. evenings and weekends only
25 cent coin entry
C. student lot, 25 cent coin entry
Reserved parking in other lots.

Arts
Lb Dana Porter Library
AL Arts Lecture Hall
ML Modern Languages
(Theatre of the Arts, Art Gallery)
HH J.G. Hagey Hall of Humanities
(Humanities Theatre)
PAS Psychology, Anthropology, Sociology

Engineering
E1 Engineering 1
E2 Engineering 2
E3 Engineering 3
CPH Carl A. Pollock Hall
EL Engineering Lecture Hall

Environmental Studies
ES1 Environmental Studies 1
ES2 Environmental Studies 2

Human Kinetics and Leisure Studies
MC Office in Mathematics and Computer Building
PAC Physical Activities

Integrated Studies Program
PAS Offices in PAS Building

Mathematics
MC Mathematics and Computer
(EMS Library - Engineering, Mathematics and Science)

Science
Phy Physics
ESC Earth Sciences and Chemistry
C2 Chemistry 2
B1 Biology 1
(Biology and Earth Sciences Museum)
B2 Biology 2
Opt Optometry

Colleges
CGr Conrad Grebel College
Ren Rensson College
StJ St. Jerome's College
NoD Notre Dame Women's Residence
StP St. Paul's College

Residences
V1 Student Village 1
V2 Student Village 2
TH Tutor Houses
MHR Minota Hagey Residence
MSA Married Students Apartments

University Services
BMH B.C. Matthews Hall
(Visitors Reception Centre, Museum and Archive of Games)
NH Needles Hall (Student Services)
SCH South Campus Hall
(Cafeteria, Book Store)
CC Campus Centre
FC Faculty Club
CSB Central Services Building
Com Commissary (Security)
MSI Maintenance and Stores
GH Graduate House
HS Health Services
GrM Grounds Maintenance
(Radio Waterloo)
BrH Brubacher House
CIF Ciemmer Farm (Day Care)

Off-Campus Buildings
An2 Annex 2, 156 Columbia St
(Ontario Industrial Innovation Centre)
SS Seagram Stadium
(Rink in the Park, tennis courts)
Ham Hammarickold Co-op Residence
CoR Philip St. Co-op Residence
ResC Resurrection College

■ Bus Stops
→ Campus Day Bus Route
- - - Occasional Route (on request)

Mashed time !! Yes boys and girls, it's that time again as I proceed (expensive Cubano cigar in mouth) at 0326 (we're early). Walter Steinemann (layout, general nuisance and all around useful slave) tells me to start this over to fill the page...who cares... They're threatening to do vicious things to the cigar... Muchos gracias to Rod Currie (layout, not knowing about IPL's), the Grand Imperial Zort itself... otherwise known as a certain Chaotic Evil Scarf (Major Tom, layout), James Puttick, boy genius (layout, el Diablo, etc), Gerry Smit (Watsfic ad, layout, Secretary of War). Other bzorted creatures crawled up out of the primordial slime to assist: W Ross Brown (who insists that Toni be thrown in the credits, or to the alligators, or something like that...) for neat graphics, Dave Till (layout) reminiscing over past glories..."Half my life is in this"(my condolences). MFCF types, like rhabtels and gpembro who are nice to lowly student rags like us..FASDRR as usual for that hint of strangeness...gord for VM commands we don't use... whoever was inventive enough to spend the entire UW budget for the next millennium re-arranging the buildings...and thanks to the elections for helping along my ulcer (at least it gave us something to laugh at)... jwinterton for the only free dinner I'll ever get here and wonderful articles and tech help as well...Jane Roberts (movie review, typing, layout, decision making, being the only female in the office during production ...sigh...)..Joe Geremia for MathWeek and giving me money...boff for yet another useful diversionary tactic known as Gridword...the great comedy team Wim Simonis and the Fed Hacks for the Fee Increase info ...Cathy and Stud McGee for posing well...Al Bechamp for his camera...Nancy Hill for laughing at the appropriate time...this is getting monotonous...by the way, HAPPY BIRTHDAY, CATHY !!!!!...let's see have I filled the space yet? No?...On we go...Jerry Something- Unpronounceable for Feedback (whoopee)...Thomas Valcke for a neat poem about a prof I've never known... and other aliens from the nth dimension and beyond. Special mention to the 3 females in my life this week: Cathy McBride and her skills...Beryl and being nice to my work term report...and a certain little girl at home in bed (where I should be right now). This is my first and probably (hopefully?) last editorship here... signing offffffffffffff.....the Angel (?)

cp disconnects

OFFICE
M&C 3036

WATSFIC

Games Day: Wed. 31st
3rd Floor Lounge, 9:00 am

FUN & GAMES ALL DAY LONG!! EVERYONE INVITED !!
Bring your favourite game!!

Featuring such games as : Risk, Diplomacy, Monotony (Monopoly), Kingmaker, Old Maid, Fifth Frontier War, Invasion Earth, Imperium, Dark Nebula, Go Fish, Stellar Conquest, Revolt on Antares, Mille Bornes, Bridge, Intruder! , O'hello, Clue, Careers (for regular students only), Backgammon, Chinese Checkers and many, many more!!
Special Guests include the survivors of the Great Cosmic Encounter Marathon (which starts the night before), and the winners of the D'n'D and Traveller Tournaments. For more information contact WATSFIC, in MC 3036.

STARSONGS & watsNEW available