

Norcen Energy Scholarships

To: Mathematics Society, MC 3038
From: Joanne H. Wade, Student Awards Office
Date: January 19, 1983
Re: Norcen Energy Scholarships

The time has arrived to solicit applications for the above awards and your assistance in making students aware of the scholarships is greatly appreciated.

NORCEN ENERGY SCHOLARSHIPS

Two awards of \$2,000 each to students who are entering third year of the Information Systems Option in Computer Science and have an interest in the energy field. The decision will be based on academic performance and an assessment of the applicant's reasons for applying.

Interested students should submit a "U of W Scholarship Application form", the deadline is February 4th, 1983. The decision will be made during the Winter term.

If you have any questions, regarding this scholarship, please call me at ext. 3583.

Joanne H. Wade (Mrs.),
Financial Aid Officer,
Student Awards Office.

CONTEST

Here's the easiest way we know to make \$25.00 What does one have to do? Just create a design which is suitable for either Math or Orientation '83 T-shirts. If we choose your design for the shirts, we will give you **TWENTY-FIVE DOLLARS!**

Please send your design(s) to MathSoc, MC3038 along with your name, address, and phone #, or place them in the mathNEWS box in the hall on the third floor. Judging will be March 15, 1983, so have your submission in by then.

*(We reserve the right to not use any designs if there are no suitable submissions)

Volume 31

Number 2

What is the airspeed of a laden

math NEWS

Friday, January 28, 1983
Attempting to entertain Real Mathies
for ten (plus one issue) years!

Real Mathies (still!)

Well, we got something new here at mathNEWS, a response to one of our offers. Here are some of your proposed definitions of Real Mathies.

Real Mathies: - hate WIDGET - don't have to use stepwise refinement and pseudo-code, but they do - love coffee and donuts - know at least half the Greek alphabet - don't lose Thursday night sleep because their Friday assignments are already done - have co-op jobs and get memo pads - use real pencils, not those Artsie mechanical things - know the only good engineers work for CN - know what C and D and D and D stand for - know the difference between ln and log

Keep those cards and letters coming, folks. We'll continue to publish your answers to that pressing question, "What is a Real Mathie?" as long as interest is maintained.

WATSFIC Report

Watsfic has kicked off the term with a bang. Two meetings have already been held, a new executive elected, many campaigns are running, and planning for watsWEEK is under-way.

For those of you who don't know, WATSFIC is the WATERloo Science FICTION club. We have an office in MC3036 which is usually open, and often full. Membership in the club is \$2.50, and allows access to our large (400+ books) Science Fiction and Fantasy Library. It also gives you a vote at meetings, and earns a 10% discount at some of the games & book stores in town. Meetings are held every Wednesday night at 7:30 pm, usually in MC5158.

During our first two meetings, the new executive was elected. The club's officers are: President - Carol Fisher; Treasurer - Mike Legard; Secretary of War - Matt Kari; Secretary - Gerry Smit; WATkey - Geoff (with a beard) Loker.

While Watsfic appears to be a true-blue science fiction club, it's main concern is gaming. Currently in vogue are: Dungeons & Dragons (of course), Traveller, Titan, Nuclear War, Bridge, and Fifth Frontier War. Nearly any other game is played, so if you're looking for a challenge, or want to learn a new game, drop in.

We've got some big things in the works. As usual, we'll be holding our internationally famous D'n'D Tournament, probably in early March. We hope to expand it into a watsWEEK, where we'll be holding introductory gaming sessions, a Traveller Tournament, and, of course, the D'n'D Tourney. Last term we had 30 teams entered (that's close to two hundred people involved), and we're aiming higher this term. Finally, there's also rumors that Watsfic will be running a Traveller Tournament in Toronto next September (we're expanding!).

All in all, things are going to be quite active this term, so drop by and join in.

L'Aubergine de la Macedonie

Saturday 19 February at 1030, 1300, 1530. The last event in the UW Arts Centre's "Make Believe" series features three travelling clowns from Quebec who perform at the Humanities Theatre. Admission = \$3.50, or 12 and under \$3.00.

The Hobbit

J.R.R. Tolkien comes to life in this performance by giant puppets. Friday 25 February, 2000, Humanities Theatre. Admission \$8.00, Reserved Seats.

Canadian Classics

Saturday 26 February, 1300 and 1530, Humanities Theatre. The UW-based Carousel Dance Centre presents a dance performance especially for children based on Canadian poetry and literature. Admission = \$3.50, 12 and under = \$3.00.

Grand Hotel

Monday 28 February, 2000, Humanities Theatre. An MGM extravaganza is shown as part of the International Film Series. Admission = \$2.00 (student/senior = \$1.50) + \$0.50 one-night membership.

Accent on Percussion

Monday 28 February, 1930, Theatre of the Arts. A percussion performance featuring the local ensemble, Resonance. Admission = \$3.00, Student = \$2.00, Children = \$1.50. 17 February at 2000. Admission = \$9.50 (student/senior = \$8.00). Reserved Seats.

For more information, contact the Box Office, HH 161 during normal business hours.

Constitution Results

The new Constitution for MathSoc has been passed with the following results:

	Fall term =====	Winter Term =====	Total =====
YES	196	67	263
NO	10	0	10
Spoiled	6	0	6

Who's the jerk?

When I worked for my hometown newspaper, among my various tasks was to jump in the car with my father and speed to the town fire hall whenever the radio monitor in his bedroom sounded the alarm. I took the job of Fire reporter as my first task with the paper, and continued doing the work when I was Assistant Editor, and right until two days before I left to come here for University. My father has been a volunteer firefighter for seven years now, and in that time I have developed some very strong habits concerning fire prevention. When I enter a strange public building, I always keep track of where the nearest exits are located. One of the first questions I asked of my Don when entering residence was how frequently fire drills were held. In other words, I take fire very seriously.

Under the Criminal Code of Canada, causing a false alarm of fire is punishable by fines and possible imprisonment. So why, I ask, did some idiot pull the fire alarm not once, but twice during the Mathsoc movie night two weeks ago? Fire is one of this country's greatest killers and is most certainly nothing to make a joke about. Wisen up, dogbreath! You are only being a pain in the neck to all, yourself included.

In addition, why did it take so long for people to leave the Math building when the alarm went off? I have heard of apathy, but what if it had been real? In my high school, the alarm system shorted inside the wall, causing a fire that destroyed a section of the roof. The alarm, once shorted, would not work, and so to evacuate the school, the Principal and both Vice-Principals ran from class to class yelling "GET OUT! GET OUT!". Some, not knowing what to do, remained until the thick smoke from the tar of the roof began to pour through the hallowed halls of the venerable building. Six people were hospitalized for smoke inhalation.

Follow my warning, fire is not nice. When you here the alarm, hustle yourself out immediately. And stand well clear so that the firefighters can do their job so that you may return quickly to a safe building.

WAT if??

Recently, an inventory of acronyms beginning with WAT has been established. This "clearing house" for WAT names should prevent duplicate WAT names (such as WATFOR, WATFIV, WATSIX, or WATever).

In all seriousness, this is quite useful, as it prevents a dozen or so other publications from calling themselves WATNEWS. However, WhAT if we put our far-fetched hypotheses to this situation?? Well....

Suppose you have to gain clearance to go to the WATroom, or to take a drink from the WATER fountain? And if you get a co-op job with a SWAT team, well you might have to get co-ordination to clear it. And WATch out! If you call a new VAX by names such as WATvax or WATmachine, well, the Thought (WAUGHT?) Police could come in their WATmobile to WATch you closely.

Oh, well, that's speculation for you. We don't take responsibility for this article; neither should you.

One parting shot: Could we get away with calling the UW Security department "WATFIV-0"? (Book wjj, Dan-o! - McGarret)

Next week: What if they gave a mathNEWS and nobody came?

UltraClassifieds

WANTED!!! People to report sports (Mathletics), club events, and people to write fiction, draw comics, and perform newspaper layout. Please write to mathNEWS ASAP c/o Bun or mailbox on 3rd floor MC. Come join your newspaper. Experience not necessary, (even though we might regret saying this) and you get to work for your fellow Mathie.

PERSONAL....psst, Chem people...call Avogadro at 602-1023.

This is an Ultra Classified ad!!

LOST...one STAT 230 book. No name in it. See MathSoc.

Scooter!

Scooter!

The Blind Man and the Pheffer
(Arbitrary Jottings during this evening's lectures)

Said the blind man to the pheffer,
"What?"

As the pheffer had said nothing, he repeated it with equal passion and enthusiasm.

"I thought that was what you said", commented the blind man (who was really deaf).

The pheffer (what's a pheffer, anyway?) had already lost interest, however, and resumed his readings.

"Did you know", continued the blind (deaf?) man, "that paper bags have absolutely no use after you bring the groceries home. I mean, you may save a few for emergencies, but really, you go to the grocery store so often that they accumulate far too quickly."

The pheffer (like the reader) was falling asleep.

Wake up, reader, for I am about to introduce a beautiful, seductive double agent! (While I'm at it, let's change the blind man to a detective.)

"So you know the secret of life, do you?" purred the spy as she wrapped her arms around the detective. "Maybe we could talk about it, hmmm..."

Actually the pheffer (I'm starting to like that word), who is by now even more asleep than you are, was the one who knew the desired secret. The detective, however, was enjoying himself sufficiently enough to allow this fact to slip his mind for the moment.

"The secret", lied the reporter (you know who I mean (I do??? - djcl)), "lies in one's food. Smarties are made of sugar - they're out. Shreddies stick to your teeth. Spinach - that's the answer. Spinach. Popeye was right all along."

"Spinach?" asked the double agent in disbelief.

I'm getting myself in a bind. Time to switch scenes and keep the women happy at the same time. We'll change the spy to a publisher who loves tennis and the reporter/detective to a struggling author trying to publish his new book.

You've got to be kidding. There's no way that calories can be the secret of life. I mean, I was on the courts this morning and must have lost three pounds. Are you suggesting that I am a richer person now than when I first woke up?"

"Actually", replies the author humbly, "I was only trying to cash in on the new diet fad."

The publisher pondered for a moment. While she's pondering, I might mention that the title has absolutely no bearing on the rest of the story. "Sex. Sex is selling now. Do you think you can throw some in somewhere?"

"Well...maybe..."

Meanwhile, of course, the pheffer may be dead. I haven't decided yet.

I need more characters. Let's switch the scene to that evening in a small western town.

The blacksmith (I'll tell you where he comes in later) looked to the sky. "That star - I've seen it before. I know I've seen it before."

"Yeah", mumbled the wino. "Both of them."

Arbitrariness - what a concept.

Little Miss Muffet sat on a tuffet eating her curds and whey. WHOOPS!! Scratch that. Sorry...I guess arbitrariness does have its drawbacks.

It was the next morning. The publisher has just finished her tennis set (match?) when she spotted the author. "What are you doing here?" she cried.

"Well, every novel has to have a drink spilled somewhere, and the writer decided this was the best place for it, so let's go to lunch!"

"I have a meeting at one..."

"Great. That's plenty of time for a quick bite and sex back at my place."

cont'd from page 4

"What!?!"

"Well, you did want some sex in this novel, didn't you?"

"YOUR novel, not this one!"

"Oh."

"I could still use some lunch, though. And a spilled drink sounds like fun."

Notice I'm keeping more and more out of this. This could be significant, critics! (Also note that these two characters think they're in a novel when they're actually starring in a TV serial."

The wino stared at his empty bottle and sighed. He wondered what the pheffer was doing now (so do I - I still haven't decided). He hoped the stars would reappear tonight, or at least the one the blacksmith keeps talking about. He (like me) needed another bottle.

Hmm. We haven't had a change of character for a long time. Let's see... I suppose I can do without the blacksmith after all. We'll make him a mad psychiatrist (you guessed it - a crazy doctor!) who happens to have the author as one of his patients. It seems the author has been having an identity problem since the beginning of this tale. Now back to our story which is finally starting to have a plot).

The publisher put the book she was auditioning (?) down. She just couldn't concentrate on it. All she could think about was the author and their luncheon. She kept wondering if he really meant

RRRIP!!

OK, we've run out of room for this week (actually my lecture just ended) and I'll have to finish this serial next issue (unless I get cancelled (and he just might - djcl)). So stay tuned next week, where I explain the significance of the first scene, who or what the pheffer is or was, and of course the exciting conclusion where the dead pheffer explains the meaning of life to us (you remember, this is about the meaning of life, don't you? You didn't even notice? Oh well...)



This end up

cont'd from page 13

{Courtesy Volume 17, number 9 / August 11, 1978}

The haze had lifted.

Jolembwa Klomboliki stood, shrouded by the thick, teeming foliage of the jungle edge, his trusty but loyal primate Molimba steadfastly anchored on his shoulder, s---ing down his left arm. Fortunately Jolembwa carried his fragile 35mm SLR bazooka in a convenient, inconspicuous pouch under his right knee.

Warily they peered through the misty cloudiness that hung, almost ominously, over the bubbling jungle swamp like a misty cloud. He wished he had brought his 63mm yellow anti-haze Kodak filter, but quickly remembered that at this range he could blast the whole f---ing pool into \$%#@ smithereens. He also wished, somewhat more sensibly, that he had left trusty but loyal Molimba back in the monkey cage.

It was darker now, and yet Jolembwa had not seen any movement, any rippings of the calm swamp waters, still now since the strange gurgling had stopped. Jolembwa checked his watch. Change of shifts. He smiled as the gurgling resumed with renewed fervour, satisfied that this prediction was correct. Molimba, tripping on the local Glymgo-root derivatives (as spider monkeys will in times of personal stress, low Dow-Jones averages, and general conscription), continued to stare glaze-eyed toward the jungle sky. His owner took the opportunity to shove a bazooka shell up his offending oriface.

(Let's see ... he gets attacked, suddenly (it's always "suddenly"), and loses all his weapons and tools. Maybe all his clothes (a huge, irradiated cotton boll weevil...?); he stands, naked, monkey claws cutting into his flesh... he has but one recourse. Hurls the monkey at the thing, blows it all up, he retires and starts a spa.)

mathNEWS' Tribute to George Orwell

With 1984 just around the corner (if one thinks in terms of years), we at mathNEWS have decided (we have? -Scooter.ed.) that it is only fitting to give our two cents worth (that's all our budget will allow) to the great author of 1984, George Orwell. My first impression (yawn -typist.) was to dwell on a topic contained in 1984, namely the metaphysical question of what the past consists, but that's far too boring and philosophical for mathNEWS (you got it! -Fred.ed.). Instead, I turn to his other great masterpiece, Animal Farm, (watch where you step -Bun.machine.) and will attempt to prove his famous quote:

"Some animals are more equal than others."

Proof will be by contradiction.

To Prove: Some Animals are more equal than others

Proof: we interpret some animals being equal as '=' and being more equal as '>' Therefore, (Why don't these terminals have the three dots for that -Dr. J.A. George. The Big Guy.) "Some animals are more equal than others" shall be interpreted as '>=', and instinctively, the opposite shall be '<='.

BUT if some animals are more equal than others, then some animals are equal, thus the true opposite of the proposal will be changed to '<' (as they say in stats, "never trust your instincts" (or your answer to the question worth the most on the exam -All of the Math Markers. (What are they doing here? -Scooter.ed.)))

Now (that we're back on track), assume some animals are not more equal than others, such as $A < B$.

Consider Napoleon's (nice chap, -Admiral Nelson) dogs. They are never distinguished by names or other characteristics, so they cannot be placed in a hierarchical order. In other words, (which means i.e.) one dog is equal to another. This defies our assumption (huh?), so $A > B$, (oh, that one!) and thus, by contradiction:

office spews

Hi, again! Here's what's going on these next couple of weeks.

- Starting Monday, campaigning begins for positions on MathSoc Council. If you haven't turned in that nomination form, it is due today at 4:00. Positions available include president, vice-president, treasurer and class reps in most years.

- February 4th -- Math is going to the LIBRARY in Niagara Falls, NY. -- Canadian money at par -- dress code -- proof of Canadian citizenship or American visa required -- drinking age is 19 -- covercharge is \$1 -- Roundtrip busfare is \$11 leaving at 6:00 pm.

- Massive all-society and residence PUB CRAWL on Feb. 23 -- further details will be announced as they are available.

- Elections - Monday Feb 7 - Voting outside the MathSoc office.

- Math night at the Warriors basketball game vs. McMaster. Foul Shoot for prizes during Halftime - come in to the office and sign up - you could win!

- Pub at the South Campus Hall on Feb. 18th -- Hope to see you there!

- Orientation meeting on Feb. 26 in the Campus Centre -- plan now to attend and be a part of the week of festivities! The orientation committee needs big brothers and sisters in order to make this year's orientation as great a success as 1982's.

Sean Romenco

"Some animals are more equal than others."

And you thought George Orwell was a writer, not a mathematician.

Glenn McFarlane

Women in Mathematics

Hypatia (370 - 415 A.D.)

{ This article appeared in mathNEWS 9:5 (10 October 1975). }

Most of the information contained in this article was obtained from the excellent book 'Women in Mathematics' by Lynn M. Olsen, MIT Press 1974.

Hypatia was the first woman of mathematics about whom we have considerable knowledge. Despite the good fortune of her legendary talents, her beauty, and her celebrated accomplishments in mathematics and astronomy, the story of her eventual martyrdom reads like a classic Greek tragedy.

Hypatia was born around 370 AD. Her father, Theon, was a distinguished professor of mathematics at the University of Alexandria who was determined to produce a perfect human being. He became his daughter's tutor and she thus received a thorough training in arts, literature, science and philosophy. He also established a regimen of physical training to ensure that Hypatia's healthy body would match her swift, well-trained mind. She travelled abroad extensively, some say for as long as 10 years. While a student in Athens her fame as a mathematician became established and upon returning to Alexandria was invited to teach mathematics and philosophy at the university. She was a popular teacher and her home as well as the lecture room was frequented by students from Europe, Asia, and Africa. She lectured on the techniques of Diophantus and was the author of several treatises, most of which were lost when the libraries of Alexandria were destroyed. Some sources credit her with the invention of the astrolabe and other devices for distilling water and determining the specific gravity of liquids. Her genius was so renowned that legend has it that letters addressed to 'The Muse' or 'The Philosopher' were delivered to her without question.

Alas, her philosophical beliefs ran counter to the doctrinaire of the dominant Christian belief and priests considered her a heretic. When a systematic oppression of such heretics began about 412 AD it was not long before a mob of religious fanatics set upon Hypatia and tortured her to death, "...her flesh was scraped from her bones with sharp oyster shells and her quivering limbs were delivered to the flames".

In profundity of knowledge and variety of attainments she had few peers among her contemporaries and is entitled to a place among such luminaries as Ptolemy, Euclid, Apollonius, and Diophantus.

Feedback

The organization shown in the MATHSOC constitutional referendum leaves much to be desired. I have not found any easy ways available to students to find out what the amendments to the constitution were.

I saw three areas in which information about the amendments could be found. The article in the first issue of MathNEWS this term informed students of the dates of the referendum, and the necessity of a YES vote. A few posters were also around. (Also saying the date of the referendum.)

And of course, the ballot takers were present on these dates.

I assume there was a low turnout, since I have seen no one voting during the intervals I was at "the polls".

In mathNEWS, students in math were invited to become more organized. Now perhaps QEMF is a more vital issue than the MATHSOC constitution. But at least information on QEMF was made available so that people knew what a YES vote was for. What was decided upon in this referendum, so that the voters can know?

Richard Tummers
2A Math (Co-op)

Drop Deadline: Feb 1!

the phantom reports...

{ This is one of a series of articles that was written by "The Phantom" during the first issues of mathNEWS back in the early '70's This appeared in 2:5, 26 July 1973. }

Well this is it, the last regular issue of the term, but there are consolations, for one thing we won't have Ismaiple next term.... (speaking of whom, his APL MAIL SERVICE hath withered away and died.) The word on APL, incidently, is: "It'll be up when we've made all the local mod's and get it working." Well, who knows, it may be up by next January..... As for the Honeywell (Alias The Bun, alias the Funnywell) no one seems terribly concerned whether anything of its is done and/or working when it is dumped on the system. There is for instance that "SYSTEM" called "EDIT", some of you may remember this system as working reasonably well last fall, and being moderately useful (or at least innocuous), well that was before it was improved. Now they are giving away QED manuals, and disavowing all knowledge of edit and any related systems (i.e. use at your own risk). Then there is the "mail" system through which one may receive mail from USER1 to GAUSS..... Oh well, to close this last issue on a "cheery" note; here are some proposed assembler codes you might find useful or interesting.

MNEMONIC	DESCRIPTION
ADCP	Add character to programmer
ADLO	Add logic to operator
BB	Branch on bug
BBI	Branch on burned out indicator
BPO	Branch on power off
CCS	Chinese character set
CRN	Convert to Roman numerals
DO	Divide and overflow
EIO	Execute invalid opcode
HCF	Halt and catch fire
II	Inquire and ignore
PCP	Print and cut paper
PI	punch invalid
PO	Punch operator
RCR	Rewind card reader
RPM	Read programmer's mind
RTS	Return and start over
RIG	Read inter-record gap
RWR	Rewrite record
SD	Slip disk
SBAC	Set Base Address Register from Instruction Counter
SSC	Select reader and chew cards
STCK	Store instruction counter plus 1000
TPN	Turn power on
TPO	Turn power off
TPD	Triple pack decimal
UCB	Uncouple CPU and branch
UER	Update and erase record

Finally to MARK: enjoy yourself, when you read this it will be too late!!!!

Pheedback

Dear mathNEWS,

During one issue last term, we complained that there is no Mr. Imprint. Instead, you replied "Mrs. Imprint". Now, look here...there is no Mr. or Mrs. Imprint, and neither is there any Ms. or Miss Imprint. So don't get smart with us.

Imprint

Dear Dr. Imprint,

mathNEWS apologizes for the inconvenience.

Dear mathNEWS,

Like, good day, eh. We were looking at your beer proof in the last issue, and, like we could use an empty beer bottle to get a cold one, eh? So, like, we were wondering if some hoser developed a proof that would work on back bacon, either. So that's our letter for today, so good day, eh?

Bob and Doug Mackenzie

Dear Bob and Doug,

As soon as mathNEWS finds a back bacon proof, we will reprint it. Thanks for the response, anyway. G'day!

For those of you who need to know where you stand:

Marcia Mathie SEX Test

Ever gone out with an engineer?
 male -10 female -15
 Ever gone out with an Artsie?
 male -10 female -5 other -1
 Ever said 'I love you' to more than 15
 people in three hours?
 +6
 Ever been pregnant twice in nine months?
 +7
 Ever gone out with Wil Macaulay?

Do you read 'Reader's Digest'
 regularly?
 -5

Do you enjoy taking baths in Jello?
 +5

Do you believe in Bruce Springsteen?
 +3

Ever fantasize about making love to a UW
 knapsack?
 +7

Do you smoke Craven M?
 +5

Do you smoke pot?
 +10

Do you smoke parsley?
 Why ???

Have you ever been rated on kdpy-
 bus/rate?
 +1

Ever kissed a Widjet terminal?
 -5

Ever made love on a moving toboggan?
 +4

Have you ever given the Kiss of Life to
 a rubber raft?
 +8

Have you ever been to Guelph?
 -6

Have you ever popped cinnamon hearts?
 +2

Do you do them regularly?
 +3

Do you read 'CIRCUS' magazine?
 -4

Ever french kiss a whale?
 +7

Ever killed yourself?
 YES +10 NO +10 UNSURE +10

Ever been denounced by jjlong?
 +3

Ever spend an evening in the Arts
 Library?
 -5

Ever buy a K-tel product?
 -6

Did your name ever appear in Playboy,
 Playgirl, Penthouse, Hustler, Newsweek,
 or mathNEWS?
 +8

Have you ever wanted to crack your
 knuckles in public?
 +e

Scores:

Less than zero: Don't worry. Just sit
 right down where you are. We'll have
 someone come to pick you up.

0-30: You are a typical boring U of W
 math student. Try to move occasionally
 in order to keep the cobwebs off your-
 self.

30-50: It would be advisable to avoid
 hanging around the C & D Lounge, and
 stay away from those slide rules.

50-70: The Chevron wants you, now. Put
 on your best red shirt and march on down
 to CC140 to volunteer to God, country,
 and your own self interests.

70-100: You are obviously out of touch
 with reality. Spend an hour vegging out
 in the Campus Centre, or eat at South
 Campus Hall.

100-113: For a small commission, we can
 provide you with the name of a
 respectable mortician who will take good
 care of your earthly remains, since you
 should have been dead five years ago.

Above 113: Ah-hah! You thought you
 could put on disguises and invade Earth
 without anyone noticing didn't you! I
 knew you slimy Klingons couldn't avoid
 cheating on anything you did, you
 moronic space-stuffers! You couldn't
 con your mother out of a paper bag, you
 little green Widjet-lovers.

{Marcia Mathie was, for several terms,
 our very own advise columnist. She of-
 fered the above to mathNEWS for Volume
 17 Number 1 of 5 May 1978. Now employed
 by the CBC in Edmonton, she recently
 contacted mathNEWS and asked if we would
 like to revive her column. How do you,
 our readers, feel?}

SINCE WE'RE TOO ROWDY FOR UNCLE SAM'S, INSTEAD IT'S A

ROADTRIP

to the

FRIDAY, Feb. 4

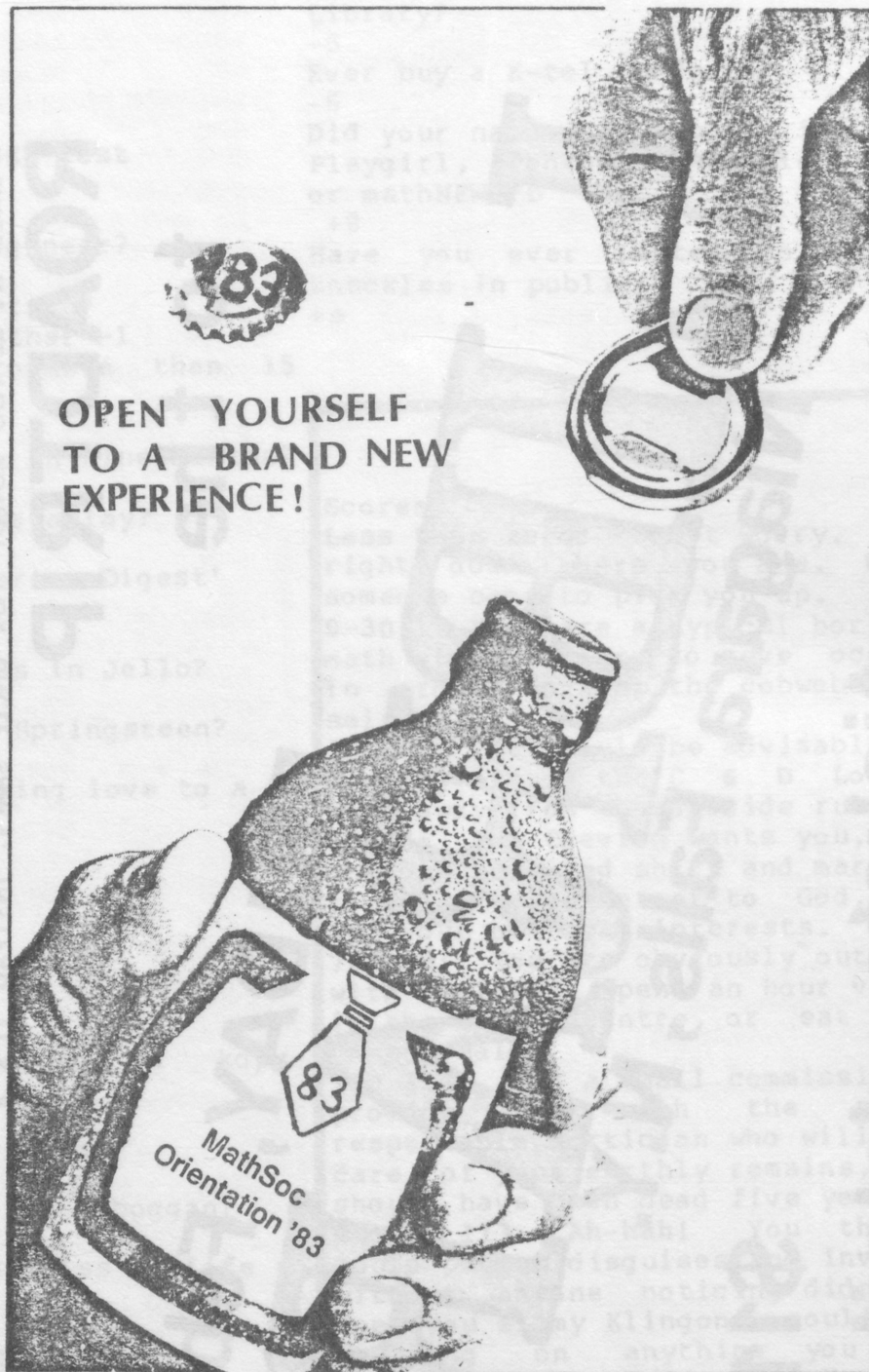
LIBRARY

Niagara Falls, N.Y.

\$11.00

tickets, details in:

MathSoc, SciSoc, EngSoc



**OPEN YOURSELF
TO A BRAND NEW
EXPERIENCE!**

PARTICIPATING IN THIS FALL'S ORIENTATION MEANS:

- an opportunity for lots of fun
- meeting members of your favourite sex
- increasing your B.A.C.
- gaining many exciting new friends
(and possibly helping some FROSH?)

**NEXT MEETING - SAT. FEB. 26, 1983;
2:00 PM, room 135 in Campus Center.**

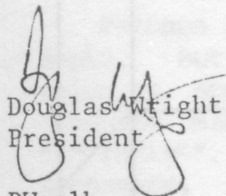
January 18, 1983

The Editor
 mathNEWS
 MC 3035
 University of Waterloo
 Waterloo, Ontario
 N2L 3G1

Dear Sir:

Congratulations on the 10th Anniversary of mathNEWS. In the large population of regular and irregular (some very irregular, indeed) publications produced in and around the University of Waterloo, mathNEWS is, undoubtedly, one of the liveliest and most readable. Best wishes for your next ten² years.

Yours sincerely,


 Douglas Wright
 President
 DW:mlk

Bird Bath

Introducing, Bird Bath, a continuous review of the courses taken by UW Mathies. To participate (and we do ask you to take a few minutes to do so), simply list the courses that you have taken and beside each course place a rating from 0 (ultra-rotten) to 10 (WOW!!!). You are encouraged to rate core courses as well as elective courses. Then, we'll tabulate the results for future printing.

Please indicate the name and number of the course in question, then place beside this your rating, and (if you wish) add a few capsule comments on the course that you have just rated, including an explanation of why you rated the course as you did. Watch mathNEWS for a running tally of course ratings!

(Note: you can write your responses on notepaper, so that you don't rip up your mathNEWS.)

Course name -----	Rating -----	Comments -----

Gentlemen...we ~~may~~ have the power...we have the technology, we can create the first bionic mathNEWS. Better than it ever was...better,,,stronger...FASDRR!! It's 2233, and we're done! Thanx to (in random order) WJJordan (proof-reading, formatting), Glenn McFarlane (phefer, Orwell), Jane/MFCF (jejohnson) for more resources (THANX!!!!!!!!!!!!) WATSFIC (w guess what?), Sean Romenco (~~xxxx~~ office spews, ads), Doug Wright (letter - from a real nice guy), DP15 (layout help, thanx), dwtil1 for moral support (he dropped 'n), Joanne Wade (scholarships), Martin+Siegfried (cartoon), Richard Tummers (feedback), Lesley Anderson (UW Arts Centre)

----- P.A. Beale (constitution), Scooter!+yourd truly (eds). If we goofed, our apologies, but always remember, there's 2 editors! Special thanx to those mathNEWS staffers from the past whose articles we have reprinted. That's all. 73..djcleibold is 10-7.

Next Issue

The deadline for articles, etc. for the next issue is Saturday 5 February 1983 at 1500. Watch for **mathNEWS** 31:3 on Friday 11 February.

Also, come out to our production meetings and see how **mathNEWS** is made. The next production meeting will be Tuesday 8 February 1983 at 1900, probably in the MathSoc Office (MC 3038).

mathNEWS should be biweekly for the rest of the term, with a few exceptions. There should be at least six issues this term. Happy reading!

ISSN 0705-0410

mathNEWS is a fabrication of a non-descript selection of University of Waterloo Mathematics students. This publication was made possible through the assistance of MathSoc, who funds this publication. **mathNEWS**, however, is independent of MathSoc. Please address any enquiries to:

mathNEWS
 MC 3035
 University of Waterloo
 200 University Avenue West
 Waterloo, Ontario
 N2L 3G1

<p>mathNEWS Calendar mathNEWS Calendar mathNEWS Calendar mathNEWS Calendar mathNEWS Calendar</p>	<p>To submit events for the mathNEWS Calendar, simply send them to mathNEWS c/o Honeywell (watbun!mathnews) or real mailbox (i.e. the black box on the third floor) Happy reading!</p>	<p>January 28 Last day to nominate (Math Soc elections) Earthen Mug Coffee House CE110 2000-0000 FED FLIX: Star Trek II</p>	<p>29 EVERY SATURDAY theatresports HH180 2000</p>
<p>30</p>	<p>32 (Feb. 1) DROP DEADLINE</p>	<p>January 28 Happy Birthday Cynthia *PASS OF FICTION* ROADTRIP TO THE LIBRARY FED FLIX:</p>	<p>5 DEADLINE FOR NEXT mathNEWS 1500 *PASS OF FICTION* Ragtime</p>
<p>6</p>	<p>2 Groundhog DAY! *WATSFIC, 1930 McSISD* *PASS OF FICTION* Cinema Gratis: Gizmo</p>	<p>11 New Brunswick: Humanities Theatre mathNEWS 31.3 ON SALE (100% disc.) FED FLIX: Apocalypse Now</p>	<p>12 Steppin' Out: Humanities Thtr.</p>
<p>7</p>	<p>3 *PASS OF FICTION* *WATSFIC, 1930 McSISD* *PASS OF FICTION* Cinema Gratis: Gizmo</p>	<p>18 Pub at SCH FED FLIX:</p>	<p>19 L'aubergine de le Macedonie Humanities Thtr. S.O.B.</p>
<p>13</p>	<p>9 TURNING 30: Humanities Theatre *WATSFIC* C.G.: The Front</p>	<p>25 The Hobbit: Humanities Theatre FED FLIX:</p>	<p>26 Orientation Meeting Canadian Classics Humanities Thtr. The Warriors</p>
<p>14</p>	<p>8 Theatre Ballet of Canada: Humanities Th. mathNEWS Production 1900 MC3030</p>	<p>24 DINAH CHRISTIE & friends Humanities Thtr.</p>	<p>25 Orientation Meeting Canadian Classics Humanities Thtr.</p>
<p>20</p>	<p>15 Waiting for Godot: Theatre of the Arts (until the 19th)</p>	<p>3 *WATSFIC* C.G.: To Sir with Love *WATSFIC*</p>	<p>4 Don't Miss Raiders of the Lost Ark</p>
<p>27</p>	<p>22 Have you been to your Math Soc cED lately?</p>	<p>3 *WATSFIC* C.G.: To Sir with Love *WATSFIC*</p>	<p>5 Don't Miss Raiders of the Lost Ark</p>
<p>31</p>	<p>31 Math Soc ELECTIONS Ideal University Educ: Theatre of the Arts Vintage (film)</p>	<p>3 *WATSFIC* *PASS OF FICTION* Cinema Gratis: Gizmo</p>	<p>3 *PASS OF FICTION* *WATSFIC, 1930 McSISD* *PASS OF FICTION* Cinema Gratis: Gizmo</p>
<p>30</p>	<p>32 (Feb. 1) DROP DEADLINE</p>	<p>3 *PASS OF FICTION* *WATSFIC, 1930 McSISD* *PASS OF FICTION* Cinema Gratis: Gizmo</p>	<p>3 *PASS OF FICTION* *WATSFIC, 1930 McSISD* *PASS OF FICTION* Cinema Gratis: Gizmo</p>