## CIA REPORTS

Last Monday, a typesetting machine was delivered to the chevron offices in CC140. According to John Bast, it is a Compu Graphic jr, the same model as used by the UW Gazette

The typesetter was sitting behind a closed door when viewed Tuesday by this mathNEWS reporter. It arrived under mysterious circumstances and it is not known at this time who the owner or owners are. Chevron editor Carter would not elaborate, stating that the machine was under individual ownership. Informed sources speculate that the machine in question is owned by the wealthier members of the chevron staff.

Carter, (the editor of the chevrotten, not the president of the USA) feels that a typesetter could be useful to the chevron. He feels that the Compu Graphic jr would be adequate for the chevron's needs, and also cut costs. He says that the staff may consider renting, leasing or purchasing the machine, but emphasized that nothing has been finalized.

Federation president Rick Smit told mathNEWS that he has heard many rumours about the typesetter. He said that he had no idea as to who owns it or what the intentions of the staff are.

A move to leasing or buying the typesetting machine would necessitate terminating a present Federation contract. While this maybe cheaper and perhaps advisable, Federation official Randy Barkman feels that such a major change in procedures would require the approval of students ${ }^{\prime}$ council.

## THE END

??????? the nose that knows ghost written by the nemesis of the nose that knows
p.s. fearless co-editor JJLONG will not be treading on too many toes in the near future due to an unfortunae accident which occured when he attempted to be the first man to walk on coffee.

## Symbolism Rampant

We still need a symbol for Math. I have been told the reasons for having a pink tie as our symbol, and I haven't heard a sillier set of facts in quite some time.

To all those who think they know why, mail to mathNEWS, or put them in the orientation mailbox in the office. They will be looked at by a very intelligent orientation director, who might be wonderful enough to reprint any funny ones in her illustrious column, which will make an appearance soon enough.

MEANWHILE, KEEP WONDERING ABOUT WHAT TO HAVE AS A SYMBOL, AND ON THE FROSH T-SHIRTS. THERE IS A PRIZE FOR THE T-SHIRT DESIGN.

mathNEWS ISSN 0705-0410


## Accounting Students Unite!

On Thursday May 25 th, a number of CA and RIA students met in MC 2065 to discuss the formation of an accounting students association.

According to spokepersons Rob Holley and Jim Morgan, there has been dissatisfaction with the department of Co-ordination and its handling of student problems, specifically those dealing with work term stream-switching. It is felt that a student association would be a better vehicle for promoting the interests of accounting students. The organizers felt that the association could provide valuable liason with the Co-ordination department, the various faculties (Math and Arts), the accounting institutes (CA and RIA), and could allign itself with the Chartered Accountancy Students of Ontario (CASO).

The club could also operate as an accounting information and self-help centre and help orientate first year students. The club also plans to organize social activities and sell t-shirts. In the future, they may start bringing in famous accountants as speakers to campus, analogous to what the CSC does with famous computer experts.

If enough interest is shown (about 50 to 100 members out of the 400 registered accounting students), the club will write a constitution and seek MathSoc recognition. The club is of a social and academic, rather than political nature. It is meant to serve the interests of students in a specific field. Like the CSC, the accounting association could provide a model for students in other disciplines (Teaching, Stats, etc.) to organize clubs.

It appears that Holley and Morgan have gotten off to a good start. Along with Sam Parker, Luanne Doner, Bob Gore, and Debbie Lightheart, they have formed the nucleus of an operating club. Presently negotiations are underway for the club to secure an office in the math building. Those interested in further information about the aaccounting association as asked to contact one of the six above-mentioned students, or see the Co-ordination Bulletin Board on the third floor accross from the math lounge.
jjlong

## TIME-TABLE ALERT

Pre-registration occurs on June 7th, 8th and 9th. Faculty advisors will not accept your pre-registration form unless you show them your latest official time-table (ie computer print-out). If you lost it, go to the Registrar's office in Ira J. Needles Hall, and ask for a replacement schedule now so that you will have it on time.

## CA Staff Training

The second part of the CA Staff Training Program will take place from August 14th to 17 th in Eng. 2, Room 1310. Times will be announced at a later date.

Any CA student returning from a first work term who did not take the first part of the program in December 1977 should contact Phil Wright in the Department of Co-ordination and Placement in Ira Needles Hall, Room 1095.

## REFERENDUM RESULTS

If you haven't heard by now, the Federation of Students held a referendum on the issue of the separation of the chevron, the student newspaper. The referendum was held in two parts, on March 28 for those students on-term in the winter, and on May 24, for those on-campus now.

The referendum was called by students, as over 800 students signed a petition initiated by Chris Dufault. Dufault, a chevron staffer, has since been suspended from voting at chevron staff meetings for six months because of this, the charge being undermining the staff position on the issue. The staff was in favour of separation when Dufault started the petition and, in fact, the wording of the referendum as specified by the petition is virtually identical to that passed by the chevron staff, but they later reversed their stand.

The wording of the referendum was as follows:
A. The chevron should:

1. Remain a publication of the Federation of Students. If so, the Federation would review and revise its by-laws in the light of the Chevron Investigation Commision's report.
2. Separate from the Federation of Students through incorporation with a chevron fee of $\$ 2.00$ per term and with the Federation reducing its fees by the amount of the current subsidy.
B. If the chevron were to separate, its fee should be:
3. REFUNDABLE in the first three weeks of term.

## 2. COMPULSORY

As can be seen on the chart on page 3 , the vast majority of students who voted, voted for a separate chevron, and for a refundable chevron fee.

All undergraduate faculties favoured separation, and refundable fees were favoured at all polls that voted (IS had no voters this term). The latter fact is, perhaps to be expected, due to the fact that last fall, refundable fees were voted in for the Federation of Students fees.

In the landslide victory for the proponents of a separate chevron, the Engineers led the way with $94 \%$ voting for separation, and more than $97 \%$ voting for refundable fees.

Voting last term was fairly heavy in all faculties, but this term, although notice was given through ads in the chevron and CKMS as well as posters throughout campus, only Math and Engineering showed any interest (701 of 765 votes this term were from these two faculties).

The referendum attracted 2788 voters, far in excess of the $10 \%$ of the student population needed to make the referendum binding. The referendum
total vote was, as far as mathNEWS has been able to ascertain, the largest turnout for an referendum since at least 1972.

An interesting comment on the referendum is that either the Math vote or the Engineering vote alone would have been sufficient to assure a majority for separation and any faculty save IS or HKLS would have assured refundable fees.

At the same time as the referendum, the Federation hald an election in the Engineering faculty for two (2) seats on fed council. In the election, Frank Morison obtained 299 votes, Alf Miruskins received 146, and Nino Mangione got 145. At press time, Mr. Mangione had not asked for a recount, although it is expected that he will do so. All other seats available on council were either filled by acclimation or were left vacant. Kate Cross and Steve Risto were acclaimed in the Math Co-op seats, as was John Tromp in the Science Co-op seat, while the HKLS sea was declared vacant.

John Ellis

## Semi-Formal

Due to the large number of requests from math students this term, the Math society announces that there will be a Semi-Formal in the summer on July 15 th at Bingeman Park. There were few details available at press time, but look to mathNEWS for further developments.


## Dear mathNEWS:

How come the pages are numbered $1,2,3 \ldots$ instead of in the time-honoured tradition of consecutive numbering from the beginning of time?

A Concerned Mathie.
The time-honoured tradition was to number the pages $1,2,3 \ldots$ and it was changed by the then-editor Dennis Mullin in the fall of 1977 and continued in the winter by Wil MacAuley. We (the editors) have merely returned to the old system.
editers

## IRWRITER

## WANTED: <br> IMPERIALIST LACKEY-DOGS TO HELP PROMOTE DEATH AS A LOGICAL ALTERNATIVE TO WIDJET ASSIGNMENTS. <br> CONTACT mathNEWS

In the constant attempt to make TSS serve every conceivable purpose (i.e. GRELBER and Fuck subsystems), more subsystems are being programmed into it. That is what was rumoured to this reporter today. Here are some examples. All are typed in at system level.
$N F B$-gives you a national film board short on your video terminal

WWR-Waterloo Weather Report -is merely an echo that says RAIN but has an accuracy of $80 \%$ which is better than that of Environment Canada
:boff will draw a bunny-rabbit on your screen

AIA-runs a program which is supposed to defend the basic rights of the students while promoting communism but fails because of logical faults

ENGSOC-causes the system to do something stupid
$J J L O N G$-will result in your terminal slowly typing something you cannot understand and then write a FEDERACTION column about it.

LONGTRANS-will translate the above column into English and you will discover you still don't understand but realize you don't care.

MATHIES-causes your teminal to become apathetic and refuse to do anything. Typing MATHSOC will put some life back into it.

MALCOLM-takes your account away for no apparent reason and refuses to give you another

PARROTT-takes all the money out of your account
I. R. Writer

16 jnriopel Mon May $291978 \quad$ 19:57 WANTED: Someone interested in a market simulation program.
$======$ It's already typed into the Bun and documented, and it doesn't cost anything. Send mail to jnriopel.


RESULTS OF THE REFERENDUM ON SEPARATION OF THE CHEVRON
March 28, 1978
Undergrads

|  | A1 | A2 | $\begin{array}{r} \text { spoiled } \\ \text { blank } \end{array}$ | B1 | B2 | spoiled or blank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Math | 48 | 404 | 2 | 423 | 23 | 8 |
| Engineering | 35 | 522 | 5 | 551 | 4 | 7 |
| Arts | 47 | 145 | 3 | 167 | 13 | 1. |
| Science | 37 | 247 | 2 | 271 | 10 | 5 |
| E.S. | 44 | 145 | 1 | 163 | 10 | 17 |
| HKLS | 21 | 53 | 2 | 61 | 9 | 6 |
| Optometry | 8 | 32 | 0 | 35 | 4 | 1 |
| I.S. | 5 | 12 | 0 | 12 | 4 | 1 |
| Renison | 9 | 3 | 0 | 9 | 2 | 1 |
| St.Jeromes | 18 | 36 | 0 | 47 | 4 | 3 |
| Total | $\overline{272}$ | $\overline{1600}$ | $\overline{15}$ | $\overline{1739}$ | $\overline{88}$ | 60 |


| Grads |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Math | 9 | 32 | 0 | 31 | 5 | 5 |
| Engineering | 7 | 22 | 0 | 19 | 6 | 4 |
| Arts | 8 | 6 | 0 | 7 | 4 | 3 |
| Science | 1 | 41 | 1 | 41 | 0 | 2 |
| E.S. | 6 | 0 | 3 | 5 | 4 | 0 |
|  | $\overline{31}$ | $\overline{101}$ | $\overline{4}$ | $\frac{103}{19}$ | $\frac{19}{14}$ |  |

May 24, 1978

| Math | 26 | 240 | 1 | 253 | 8 | 6 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Engineering | 13 | 420 | 1 | 425 | 6 | 3 |
| Arts | 0 | 4 | 0 | 4 | 0 | 0 |
| Science | 3 | 30 | 0 | 33 | 0 | 0 |
| E.S. | 4 | 7 | 0 | 10 | 1 | 0 |
| HKLS | 5 | 11 | 0 | 13 | 0 | 3 |
| I.S. | $\frac{0}{51}$ | $\frac{0}{712}$ | $\frac{0}{2}$ | $\frac{0}{738}$ | $\frac{0}{15}$ | $\frac{0}{12}$ |

Overall Totals

## Non Compos Mentis

On Sundays, the town of Deep River dies quietly, and, judging from my surroundings right now, it happens quite early in the day. My watch is sitting back in my room on the night table, flashing impatiently at the ceiling, but, judging from my own subjective timesense, it must be around two o'clock in the morning. I am sitting on a traffic divider raised three feet above the asphalt, splitting the stem of a T-junction onto one of the main roads of Deep River, and calculus, cutbacks, the Chevron and the rest of Canada are a million miles away.

Not that I'm alone. A good selection of the variegated cast that populates my mind is here: PR $\uparrow$, the cheerful, ebullient extrovert who taped over the middle word on the DO NOT DISTURB sign and hung it on the door the first day I was here; PR $\downarrow$, tha gloomy pessimist who is keeping me here; PRx, my schizophrenic buddy, the calm rationalist who makes infuriatingly logical comments on my relationships with people, and me, the interface between them and reality. They babble around me while I sit hunched up this island, umbrella hooked under my left thigh to keep the drizzle off me and scribble madly onto a piece of soggy paper.

PR $\uparrow$ : "I don't really know what's keeping him out here. Why doesn't he just find out where things are going on in this town?"

PR $\downarrow$ : "You just don't understand, do you? You bludgeon away at life like a baboon trying to solve a jigsaw puzzle. Show some sensitivity for once!

PRx: "If he stays out here much longer, he's going to catch a cold, that's all.

PR $\downarrow$ : "Good! Then maybe someone will take some pity on him. "

PR $\uparrow$ : "You're giving him enough for a lifetime, for Christ's sake."

I can see you in the C\&D lounge about ready to toss the paper over your shoulder in disgust, or maybe further insult it by dunking it into the three-day-old coffee that sits across from you. This guy is right over the side, you say. He's written this trash while sitting in a nice warm room somewhere. Tovarisch, I plead guilty to the first, but as for the second, I wish it were it were true. But I sit just in front of the streetlight growing out of this desert isle, the hum of a power transformer in my ears and the sound of powerful cars in the distance. My colleagues have all either hit tha sack or departed for some unknown destination, so I picked up a clipboard and headed out here, and now I am trying to strike a compromise between getting enough light to see by and keeping the paper from getting
drenched. A car pulls up beside me and a girl driving rolls down the window.
"Excuse me?"
I turn my head to look at her What she and the other girl in the car are doing driving around this Godforsaken place at this hour of the night is beyond me.
"Can you tell me where the Surf Lounge is?"
"Yeah, in Forest Hall."
"Where's that?"
I gesticulate vaguely to my left. " The eight storey building, you can't miss it."
"Is there a band playing there tonight?"
"Dunno"
They back up past the divider and do a U-turn, nearly scraping a car that has appeared in the opposite lane out of nowhere. It must be earlier than I thought it was. My timesense has been screwed up ever since I've had to start getting up at 6:45 to catch the company bus to Chalk River. The daylight savings time hour change didn't help much, and neither do such thrilling work projects as calculating the first fifty zeroes of the Bessel functions $\mathrm{J}_{0}$, $J_{1}, Y_{0}, Y_{1}$ to fifty places of decimals. Add that to a town that takes roughly five minutes to explore, stir in some of the raunchy coffee they serve at work, mix well, and you've got a monkey bored out of his flipping tree who sits out in the rain writing gibberish for strangers to read on Friday afternoons. A friend of mine once told me that she gives forty hours a week to her job and the rest is all hers. That leaves me with one hundred and twenty eight hours of tedium. For the love of society, someone take this time off my hands!

Mr. and Mrs. Rock'n'Roll America, the scapegoats I invented to blame my own mistakes on in moments of paranoia, are nowhere in sight; probably out enjoying themselves, if that's possible around here. I slam the clipboard shut and leap off the island, my persona following closely.

PR $\uparrow$ : "I hope we're going to that one motor hotel up on the highway that has live entertainment. "

Me: "No, we're going to bed."
One of these days I've got to get rid of them all. $\mathrm{F}^{* * *}$ 'em if they can't take a joke, says the guy next door; I'm beginning to think he's got a point.
-plragde.

8 bjgregory Mon May 291978 18:32 WHAT DOES THE "C" IN THE DIVINE LADY L'S USERID STAND FOR?

Cont. from page 13

Forty years and forty nights
The amber glow of faded pink petunias by the waterside in hollow pleasured flow:
Until at last forgotten friends
In aged rows of twenty deep had gathered
misty-eyed upon the very night
fortold so many half-remembered
years
ago;
And 'ere the fragile night were through
Would feel a joy
And lose a life or two.
And eventide at end of day
Became the huddled ranks that swelled in fear
of unknown ancient countenances
hurled
away
As bloody sank a sun in tears
To light in murky shadows from the day
that hurried lives and busied deaths this grand
melee
Had formed by olden-time decree.
And then their hopes
Did set the Creature free.
Suddenly above the crowd
It climbed in frenzied fevers o'er their heads;
it soared, to rule, and in its self-creation
proud
While those below were deep disturbed
To see the product of their yearning souls
be such a tiny help, to scream so vain and
loud;
That inner help it was without,
Nor-long awaited comforting
But only huge inflated shouts
Of selfish lies, imagining
It were itself
The world, and all about.
In misery they saw their dreams
As not the olden-hoped potential through
the darkened horrored centuries of pain they'd
seemed
But only lies for egos' fuel
For elders thought external strength the need
and never knew the strength of knowing people
teemed:
And then the Creature disappeared
And all went home
And empty shoreline cheered.

## AIA Awards Night

The student wing of the $\mathrm{CPC}(\mathrm{M}-\mathrm{L})$ proudly presents for the edification of all, the University of Waterloo's first annual AIA awards night to take place in CC113 on Friday, June 9, 1978 at 7:30 p.m. Rather than allowing the humourous antics and farcical statements of these people to go unrecognized, awards will be presented to these who have demonstrated their contempt for the common student. in an especially hilarious manner.

This years nominees for 'Karls' in the category of best actor are:
Neil McDuckerty for his role in refusing to print in the Chevron an article on Waterloo's own Experimental Airplane Flying Club just to stop a politically moderate contributor from gaining voting rights on the Chevron. (Feedback - March 17, 1978)
Doug Wallstreetjournal for his absolutely riotous performance in attempting to have two Chevrics suspended from staff for ***gasp*** surveying students about their views on the Chevron. (Feedback - March 17, 1978)

James Carter for his whimsical insistence that anyone who opposed the blatant manner in which the Chevron's motto 'defend the basic interests of the students' was being misused, was de facto opposed to the interests of the students.
Salad Backherewaiter for his tomfoolery in plagiarizing nearly an entire article from the 'People's Canadian Daily News' and putting his byline under it.
Larry's Haddit for his uproarious contribution to the fiction page of the Chevron. (Prose \& Poetry - March 10, 1978)

Nominated for best show presented by the AIA this year are:
'The Making of an Editor' Chevron offices, March 10, 1978 - James Carter Producer - Neil McDuckerty Director

For the AIA's slapstick filibustering of the election meeting until it had dragged on for 12 hours, and only Carter's supporters remained. Also for James' witty insistence that people defend the way they vote (i.e. that secret balloting be eliminated so that he would know who voted against him). (Feedback - March 17, 1978, RRIM mathNEWS - March 10, 1978)
'The Purging of Chris Default' Chevron offices, March 17, 1978 - the same old cast

For the AIA's buffoonery in leaving the meeting open after the political moderates had left and then suspending staffer Chris Default for circulating a seperation petition (seperation then being Chevron policy), and then reversing the Chevron's stand on seperation. (Feedback - March 31,
'Return of the Storm Troopers' Science Society office, March 27, 1978 Larry's Haddit Producer - Doug Wallstreetjournal Director

For their high comedy in pretending not to grasp the humourous intent of the April 1st AIA release, and pulling their own April Fool's prank in bursting into the Sci-Soc office to tear down these signs. (Feedback - April 7, 1978)

Unfortunately, due to the sheer volume of jocular AIA activities, some excellent performances most go unnominated. Master of Ceremonies will be noted stand up comic, Hardiliany Brains. Molotov Cocktails and Donuts will be available afterwards. All are welcome.

## Zap!

A column reviewing an assortment of books which are available in paperback. Complaints, comments or suggestions can be mailed to djmullin on the 'bun or c/o mathNEWS. This week we cross the great barrier and enter alternate worlds.

The Dragon and the George by Gordon R. Dickson (\$1.25). This is a story about two underpaid university assistants who get tossed into an alternate world where they become the focus of a battle between good and evil. This is a light-hearted fantasy. It is a world where magic works (provided your credit is good with the auditing department). Rated: 93 (RECOMMENDED for those who like a touch of humour).

Camber of Culdi by Katherine Kurtz (\$1.25). Katherine is the author of the excellent Deryni trilogy. This book is set at an earlier time in the same world as that of the trilogy. The world is medival in character. It differs from earth only in that an offshoot of the human race have "magic" powers (teleportation, telepathy etc.). The book is not as good as the trilogy, but I still rated it as an 82. (RECOMMENDED for those who like a detailed tapestry).

A Spell for Chameleon by Piers Anthony ( $\$ 1.25$ ). Xanath is a magic area where everyone must demonstrate their magic talent by age 25 or be exiled. The main character is Bink and the story is his search for his "magic". Chameleon by the way is a very interesting girl. Rated: 89
(RECOMMENDED for those who like (RECOMMENDED for those who like structured fantasy).

In coming columns I will be investigating a number of the places in town where one can get a cheap read (ie. second-hand bookstores).
-djm 1978)

## Chevron Feedback

This letter was submitted about May 16th as a feedback letter to the chevron. Since the chevron has only been limiting Feedback to one or two pages an issue, it has not been printed in the chevron. It has therefo been submitted to mathNEWS for pinting in this issue.

## to the chevron

Last January a number of people told me that if I really wanted to clean-up the chevron then I should join staff and work on an internal solution. I had some doubts about the supposed democracy on chevron staff, given the long length of meetings and the lack of legal quorum. I decided though that these people might have the right idea. So last term I wrote articles for the paper and got on staff.

At first I was willing to put up with the stall tactics and the abuses caused by certain individuals. I was even willing to put up with an AIA-supported editor. Late last term something happened that convinced me that the paper was no longer (if it ever had been) democratic. The ouster (called a "suspension" by some) of Chris Dufault, followed by the vote against separation (a reversal of the staff's earlier decision), showed that the paper could not tolerate dissent, nor was not willing to take the responsibility that goes along with being free and autonomous. All this from a paper that once claimed to be free and democratic.

Though I did not accomplish what I set out to do, the clean-up must continue. The "reactionaries" (ie moderates and democrats) must be cleansed from the paper and replaced by more "progressives" (ie. communists and elitists). The chevron must truly become a paper that serves the basic interests of the AIA. Fortunately I do not fit in with such a paper, so I therefore tender my unequivical resignation from the chevron staff, effective immediately.

I know your lettitor will be pleased to see "scum" like me leave. I also know that some individuals will feel that I deprived them of the fun they would have by ousting me. Sorry people, but I'd rather have nothing more to do with you. (If you go independent I might not even take my fee back: I don't really feel like standing for a half an hour in a line-up in your office.) Besides, I douubt you are that impotant to be bothered about.
J.J.Long

## From the chevron

Students in the Math co-op program are being threatened by motions introduced in the Math Faculty Council on March 19. These motions propose to raise the criteria for passing from $55 \%$ to $60 \%$, and to block all students in general program from the co-op system. Besides kicking additional students out of university because of their grades, the motions would squeeze out others who cannot continue for financial reasons unless they can get co-op jobs to earn their way through university.

These moves are the response of certain faculty members to the consequences of education cutbacks crowded classes and heavy workloads with reduced budgets - and also to the tighter job market that has resulted from the economic crisis. The number of jobs for co-op students appears to be declining, so some people use this as an excuse to raise criteria for remaining in the co-op program.

Faculty are implementing the slogan for education cutbacks given by Ontario government: "More Scholar Per Dollar." This is another concrete example of how the people are made to pay for the economic crisis.

This squeeze on students is analogous to the tactics of the big oil monopolies which are able to force the people to pay more for energy by restricting the supply of oil and gas. The supply of jobs for math students is declining, so they will be forced to work harder to get these jobs.

But who gets the blame for this situation - the multinationals and big financiers who are responsible for the economic crisis and profit from unemployment, or the students who are the victims?

Professor Beaumont of the Math Faculty ignores the role of the rich and instead blames current problems on "stupid students." This is a base slander against Math students. When jobs were plentiful, there was no outcry about the need to turf out "stupid students." The economy has changed, not the students, but some people are unable to see where the blame belongs. It is professor Beaumont who looks really stupid.

The attitude taken towards students who encounter difficulties in their studies is a matter of principle. Some people, including the chevron staff, advocate that these students should be given special assistance in order to acquire the necessary skills. Not just the faculty, but the most capable students also should help the less capable students.

Others, like professors Beaumont, Ponzo and Lawson, want to kick students when they are down, heap abuse on them ("stupid students") and throw them out onto the street. This
sort of attitude encourages division and hostility between faculty and students and among students themselves. It stifles the enthusiasm of students for learning and instead threatens them with severe punishment if they fall behind the rest of the pack.

These questions boil down to the question of who is served by university education - the people or the rich.

Students want to acquire more knowledge and make a contribution to society. The people need better and more science - better health care, better weather, earthquake and tidal wave forecasting, safer automobiles, more effective and efficient pollution control devices, etc. Students trained in mathematics can contribute to the solution of these important problems, and they are eager to do so. Obviously, cutbacks in education spending and increases in passing criteria are not being implemented because the needs of the people have already been met.

On the other hand, the multinationals, financiers and big government want a relatively small number of highly skilled people at minimal cost to themselves, and they want to serve their own private interests.

At the present time, education serves the big monopolies first and foremost. Professor Beaumont acknowledged this when he expressed concern about "our public relations with the firms," not our "public relations" with the students or the working people of Canada who pay the tax bill for education.

The increased in criteria for remaining in the math co-op program are being proposed at the behest of "the firms" who want more skilled product from the universities at less cost to themselves.

The chevron opposes this latest attack on students and calls on the Math Faculty Council to reject these proposals. Instead, professors should join the opposition to the education cutbacks and attack the government. not the students.

> - chevron staff

## Dear Marcia:

Your last column inflicted a most uncomfortable wound upon my Gluteous Maximus in the vicinity of my fundamental orifice whilst I was performing a natural function the other day.

An Admirer (AFKISA...)

## Dear Ad:

Silly boy, you should be using the chevron! It may not be softer but it certainly is more fitting. (so to speak)

## CSC Flash

The mathNEWS CSC article is always called "CSC Flash". I do not know why.

The Computer Science Club's dazzling summer schedule of meetings and speakers continued last week with a talk by Gordon Bell. As many of course will know, Dr. Bell is vice-president (Engineering) of Digital Equipment Corporation, and designer of the pdp8, pdp11, and other fun computers. His talk last Thursday concerned minicomputer architecture a topic, as a previous speaker litotically remarked, he knows something about. The talk did not revolve about the actual components of machine architecture but rather attempted to show the problems and factors affecting the design. Clearly the rapid and continuous development of processor and storage hardware makes the design of an architecture that is to be widely distributed, and is to last a long time, a very difficult problem.

The talk was very well attended; many faculty members, and even some computing centre people showed up. Tea and doughnuts as per usual.

Earlier in the day, Dr. Bell had given a talk on the new DEC Vax-11 architecture as a Computer Science Department seminar. Although the talk was very interesting and informative, poor attendance was only prevented by the en masse attendance of Mike Levy's CS 448 (Data Bases) class. (To be fair, I should add that Mike Levy did raise a question at the talk that concerned data bases.) Few faculty members attended, and former CSC president Peter Stevens introduced Dr. Bell.

Earlier CSC meetings this term included such illustrious speakers as ACM vice-president Daniel McCracken, and A. Van Dam of Brown University. This week we have Brian Kernighan of Bell Labs, but as that is Thursday, and mathNEWS appears Friday: either you were smart and attended, or weren't and didn't.

The next scheduled CSC meeting is June 15th when Frank Tompa (of our C.S. department) will speak on "Data Structures".

Attend CSC meetings and see living legends before your very eyes! For more information, or to join the CSC, drop $y$ the office (mc3037) any time someone is there.
-rlbiddle


## Early Refunds in Question

The possibility of early chevron fee refunds still exists. Early this week Fraser Cutten of EngSoc started passing a petition around calling for a General Meeting on the chevron. The petition spoke of implementing a refundable fee (no start date was mentioned) and denying the chevron the use of CC 140 if over $50 \%$ of the students took their fees back.

Chevron editor Carter is against a retroactive refund policy. He feels such a move would be very hasty and ill-advised. He has doubts such a thing will happen noting that historical opponents of the chevron, even J.J.Long, believe that retoactive refunds would be unfair and perhaps illegal.

Federation president Rick Smit told mathNEWS that he now believes retroactive refunds to be unlikely. He mentioned that legal counsel views them as probably illegal. Smit would not rule out, however, the implementation of a pro-rated refundable fee, of perhaps $\$ 1.00$ this term. He also indicated that he would go to the Board of Directors soon to recommend the calling of a General Meeting even if Cutten does not obtain the required 1000 signatures needed to call a General Meeting by petition. Despite the past record of General Meetings, Smit felt that a General Meeting, rather than a Council meeting would be a more appropriate forum to debate the chevron.


Sore Wristo Strongly Refutes Enginews ${ }^{\prime}$ Charges About Him

Sir R.
mathNEWS ISSN 0705-0410 -- A weekly (sometimes biweekly) publication of the Math Society, University of Waterloo. mathNEWS is funded by, but independent of Mathsoc, and is the only weekly newspaper on campus with an all-volunteer staff. Editorial content is the responsibility of mathNEWS staff and editors.
... 10:45 on a thursday morning, and mathNEWS has been in production for fmore than a week!!!!!! We started on the $23 r d$, decided that we couldn't do anything until the results of the referendum came in, so we waited until wednesday. On referendum day, we counted ballots until 10\%:30 at night, and didn't feel like starting then. thursday, game six of the N.H.L. finals were on so we composed some of our articles at the grad club and didn't get much typed in. friday, Kathy came up from Kalamazoo and so we didn't do any mathNEWS. saturday, the editors, both of us, GRADUATED from the Facfulty of Mathematics, as did ggdryden!!!! That took care of the rest of the weekend so mathNEWS had to wait until this week. monday, various and sundry things slowed down work so that we diddn't finish the paper. tuesday night was the muchanticipated Mathsoc Wine and Cheese (it was great, where were you?) so nothing much got done. So....last nighteven though i had a Watsfic meeting that lasted until 2:00 this morning we actually got the d@@@ thing finished.

Helping out this week(s) were the countess, with her typing, and obscene comments, akfm or the prez, the former shy former froshi, shy for short, babysitter aka vacarr, rlbiddle, who typed, proofread, and was all-round goodguy, jllee, who anglicised jj's article, dennis rekuta with a time(-table) ly alert, plragde from afar, djm dropped in, after his article was typed in, I.R. Writer from wherever, pckelly said hi from one page or another or three, and, this week, we had a guest editor, bjgregory, who photoned and photoned while jjlong went to health services, after his arguement with the hot water tank. He lost, surprise. Be that as it may, the time is $1: 58$ and it has been a long week, as $i$ am now $3 / 5$ ths of the c\&d assistant manager so a little fuzzily i'm saying goodnight one and all murble-gurf.

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## Kid Paranoid

Last issue, my words did not appear for two reasons. 1) I had too much work to do and submitted my article to the editor personally. 2) I got suppressed. (He was not suppressed, but postponed as he and I were unable to discuss this article. ed.)

This week I hope to make up for lost time.

First, I must apologize to Mr. Grajower and the Chevron for the injudicious use of "seems" and "appears" in my last submission. Also my original statement said "they seem to be more students of Marxism than students of this University" which (was intended to (ed)) refer to the members who were more concerned with politics than getting a degree. The editor misread this statement and tried unsuccessfully to edit it.

There, now onto things in a lighter vein. I am one of the members of an important, yet ignored minority which takes a lot of unwarranted abuse.....Left-handed people. Come on, all you lefties, raise your left hand! The entire English language and many
everyday gadgets are all against us. How many times have you heard the words "sinister" and "dexter"; they are latin for left and right. In common jargon "sinister" implies evilness; "dextrous" implies superior ability. "Gauche" is French for left but in English it implies a social "no-no". This discrimination must stop! Commies are "left- wingers", and this is unfair...Change it to wrong-wingers if you want it to be opposite to right-winger. Why should all jars, potato peelers and other gadgets be geared for right-handers. Why should lefties be regulated to the left-most row of seats. The amphitheatre in Engineering 1 does not even have a single left-handed seat. Lefties never get shown the right way to do things (the gym teacher or golf pro is always right-handed). Lefties unite! If women's libbers can change chairman to chairperson we can change the dictionary too. Gauche power!
mathNEWS has, for a while, prize of the weeked the Takith prize of the week. I would like to award the HHH
(3 cheers) award to.... Mathsoc for playing "Night at the Opera" by Queen (my favourite album). Honorable mention must go to those who voted against the Chevron. Also a round (of applause) should go to someone known to me only as "Shot" for finally showing up for Algebra class....sober! I must say I received some disappointment during my work term. I bought the new Gor novel but it wasn't up to the high standard of the rest of the series. Maybe I'll go back to reading Alfred Hitchcock anthologies. This term, I have been irrevocably hooked on.....pinball. The games room at Laurier is the place to go. My friend and I arrived at Laurier one day to discover "Eight Ball" was broken. We got 37 free games plus four games without even touching the bumpers Unfortunately it has been fixed. There is nothing more relaxing than a good game of pinball before and after a tough class.

I see by the clock on the wall that it is time to take my leave. As the Goreans sa....I wish you well!!!!

## Federaction: You Can Go Your Own Way

Well the results of the chevron referendum are in. Wasn't it just great. I am very pleased with the intelligence that the students showed. In this article I hope to outline procedures that I think should be followed in order to expedite a separate refundable chevron fee.

If the chevron staff refuses to incorporate, we have no problem. The Feds can just set up a subsidiary holding corporation, call it Free and Democratic Publications Ltd.. The corporation would be responsible for refunding the chevron fees and awarding the unrefunded fees to chevron staff. Its members would be students who leave in their chevron fees, and its board of Directors would be elected by and from its members. The chevron staff would retain editorial control. This holding corporation would remain in existence until the time chevron staff themselves incorporated the chevron.

The simple thing about this idea is that it does not require the approval of a large general meeting. Students' Council can do the same thing much more simply. The yelling, screaming, and general confusion found in a full-scale General Meeting can be avoided.

I don't think it is necessary to cause conflict by trying to implement a refundable chevron fee this term. I know Fraser Cutten wants to re-establish EngSoc as a major voice in the Feds after a year of MathSoc domination (he has the right to try).
but I believe that a Federation-chevron conflict at a General meeting is not the way.

You have long known about my past dissatisfaction with the chevron. Some of you may have heard about my resignation from chevron staff. (It is printed as a letter in mathNEWS this issue as the chevron has so far refused to print it as feedback). I therefore have sympathy with those who are attacking the chevron. However 1 feel they don't realize waht they are getting into. I didn't realize myself twenty months ago. I thought the matter would be settled by now, but it rages on. I found that the conflict didn't get me anywhere. My political philosphies have not been advanced and this business has hurt my social and academic lives.

However this is all past. It seems as if those who bravely opposed the chevron on the past have been disgraced by the chevron, are too tired to continue, or no longer care anymore. All this after their positions were supported time and time again in elections and referendums. It is strange that the people who now most vehemently oppose the chevron and talk of crushing it are those who "wimped" out a year ago (ie some Engineers and former free chevrics). Some of the same people who accused the Federation and some MathSoc people of "persecuting" the "poor free chevrics", are now talking about doing similar things. Do they feel the AIA is less-determined than a year ago? I don't know. When
things like this start happening I know its time to leave.

As far as I am concerned the chevron has every right to publish, as long as I don't have to pay for it. One may question their use of Federation offices. This doesn't particularly bother me. I know I'm Not going down there to kick them out. If another newspaper (or two or three) wants to publish on campus, I say fine, the more the merrier, whatever their politics. I believe in freedom of the press, the students will determine by their readership which papers will continue.

As far as I'm concerned the issue should be closed soon if proper measures are taken to finish it. This is hopefully my last column on the chevron. I close by saying to the chevron, "the people have spoke" now you can "go your own way".



[^0]:    ....cp (and brain) disconnect***

