

gateway

Thursday, December 1, 1983

There are two types of people in the world...

...those that divide people into two types; and those who do not.

Regina gives OK to wet T-shirts

REGINA (CUP) — Engineering students planning a wet T-shirt contest were given the green light when the student union lifted a three-year ban on such events.

"I'm not a moral judge," said student union president Mike Fedyk.

"I'm not going to stop them (the engineering student society) because I don't agree with it, or because any other particular group disagrees with it."

Wet T-shirt contests were banned in a 1980 amendment to the student union's constitution, the result of a large uproar over a wet T-shirt contest that year.

"I thought that council (the council responsible for amending the constitution) was exceeding itself by forbidding wet T-shirt contests. It was taking itself too seriously," said vice president internal David Goodwillie.

Most councillors expect objections to the T-shirt contest but the SU is not willing to deal with complaints.

"We'll just funnel them over to the engineering society," said Goodwillie.

A representative from the women's centre said, "Our hope is that no women will show up to participate."

"That type of humor is hard to understand," she said.

The engineering society members are including a wet men's underwear contest as well.



The new Business Building is close to completion and it's not nearly as ugly as expected (see story page two). photo Bill Inglee

Marsland makes move in chess

by Mark Roppel

Humans have always been better chess players than computers. Even the biggest and the best collections of integrated circuits have no feel for this game of strategy and intellect.

But U of A computer scientist Dr. Tony Marsland is doing his utmost to alter the present situation.

Marsland's program, *Awit*, tied for second at the recent World Computer Chess Championship.

The championship was held in New York from October 24 to 25 and saw 22 programs for universities and computer firms around the world compete. There were entries from various countries, including England, Sweden, the Netherlands, and the US.

This was the fourth such championship. The tournament is held every three years. Previous sites have been Stockholm, Toronto and Linz, Austria.

The finish was surprisingly good for *Awit* since it is one of only two or three computer chess programs in the world to use the "selective search" form of programming.

"The commonest technique is the exhaustive search," explains Marsland.

The exhaustive search or brute force approach considers every possible move and countermove for a limited number of moves into the future.

"A typical program sees three moves ahead for each side - towards the end perhaps nine," says Marsland.

The selective search method operates much more the way a human thinks: it "discards a large number of moves."

Awit "tries to find a plan or a theme," says Marsland.

"The program builds a position that cannot be violated - pawn structures that cannot be violated in one or two moves - and then I look for what I can do in three moves."

"It's a maximum time for surprise type program," says Marsland. "This is the way humans play chess. You don't launch and attack until you are well protected."

The advantage of this selective search method is that by quickly discarding any variations that show little promise the program can concentrate on and see more moves ahead on the fewer plans of action it is considering.

People turn to magic and spoon bending

by Gilbert Bouchard

Horoscope got you down? Biodex tell you to crawl into a hole and fill it up after yourself?

Well, Dr. James E. Alcock can't read tarot cards but he can tell you why so many people seem to be turning to the occult sciences.

Alcock, a psychologist from York University and the Canadian representative on the Committee for the Scientific Investigation of Claims of the Paranormal, gave a lecture on the psychology of belief and the lure of the paranormal last Friday afternoon in V-121. Alcock is also a regular contributor to the periodical, *The Sceptical Inquirer* and the author of *Parapsychology: Science or Magic?*

The paranormal has an undeniable grasp on the pulse of modern society. We live, according to Alcock, "in an age when people are turning to magic and superstitious belief, an age of moonwalks and spoon bending." Belief in the paranormal is widespread, both in the general population and among university students.

Why the need for magical solutions?

One reason, according to Alcock, may be that during every major break in the normal functions of a society there also is a corresponding upsurge in occult practices, as witnessed by the rise of paranormal activities before the French revolution and the fall of Rome.

"Since WW II there has been a great change in our society and what we were trained for may no longer be relevant. The fabric of society is falling apart," continued Alcock.

"We can't even predict what these changes to our social structure will produce. Nevertheless, these changes will produce a certain level of anxiety and stress, but this alone does not explain away the occult," he says.

The traditional belief system that once protected people from this stress and anxiety has broken down. "For example, religion had protected people from anxiety and stress in the past, and gave people meaning for their lives, but psychology and science have broken down people's faith in traditional religion," said Alcock.

And once traditional religion is removed the occult sciences move in to fill the vacuum of belief. "Most important of all, the occult sciences give people hope for something after death - one of the bases of paranormal research is scientific proof for the survival of the soul after death," stated Alcock.

In a technical and scientific society like ours "scientific proof" and scientific method is almost mandatory. Parapsychology feeds on both science and religion, and falls halfway between the two. But as a science, parapsychology has its foibles. It provides too many excuses to explain away the bad results (example: the investigator wasn't psychic enough to provide the subject with the proper vibes), and after one hundred years of research parapsychologists still have produced no demonstrable properties of the paranormal and no theories.

Regardless of its shortcomings parapsychology still has an immense following and probably owes much of it to the very nature of human belief. "Our beliefs are imposed on us by

society and our upbringings, we don't choose our beliefs," said Alcock.

Our beliefs can be divided into two groups: scientific-humanist (logical, rational beliefs), and Transcendental beliefs (faith). People switch between the two forms of belief quite easily. Parapsychology is a hybrid of the two systems, sharing traits of both.

"Children believe quite easily in magic and only gradually drift in scientific-humanistic thinking. Hence, people revert back occasionally in moments of stress. As a matter of fact, people are willing to turn off their logic at a drop of a hat," commented Alcock.

So not only are people predestined to non-logical, magical thinking, many people can be led into the false belief that they've witnessed a paranormal happening several ways. For example, people are much more affected by positive pairings than negative pairings, therefore people will tend to remember more instances that were remarkable than instances of no great importance. We remember dreams that "come true" but forget the hundreds of dreams that don't come true or are just plain silly.

Men also aren't movie cameras; what we perceive is

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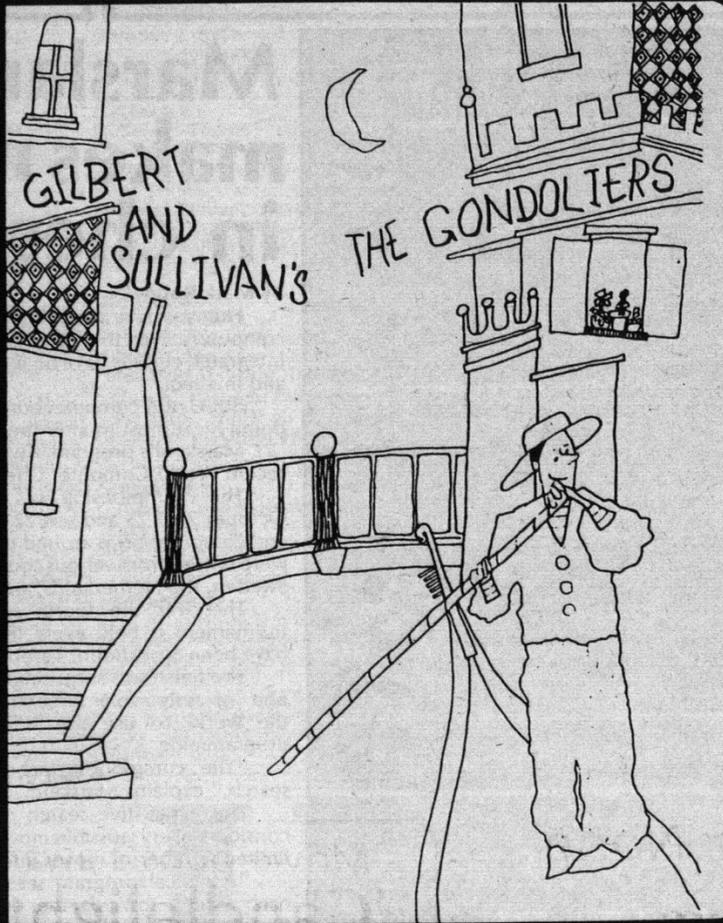
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Building almost ready

The Faculty of Business Building is on schedule and is expected to be completed early this summer.

Promised since the mid 1960's, the building's construction was repeatedly postponed because of funding cuts from the Progressive Conservative government.

Originally the plans for construction included overpasses to be built to both the Old Arts Building and the North End of HUB.

Construction of the Arts overpass was however protested by the Faculty of Arts. The Faculty, concerned that the addition would detract from the Old Arts Building's character, successfully lobbied to have the passageway removed from the original plans.

The passageway to the HUB Mall however was unopposed and construction is underway with the steel support beams already in place.

The passageway will provide another wheelchair entrance to the Henry Marshall Tory Building. The Tory Building presently only has one wheelchair entrance.

Virgil Santos of the Department of Design and Construction expects no major inconveniences to students or vehicle traffic as a result of the construction.

Funds are not granted

The possibility of the University of Alberta receiving a supplementary grant seems more remote than ever.

"I will give conscientious and clear consideration to the requests from universities and colleges," said Advanced Education Minister Dick Johnston in the Legislature last week.

But "we haven't received a grant yet," says University President Myer Horowitz.

"From Johnston's tone, I would say we're not getting anything," says Students' Union VP Academic Barb Donaldson.

The University is expected to lose close to \$2 million this year and has already been forced to implement a hiring freeze.

HUB tenants meeting

The SU is sponsoring a general meeting of all HUB tenants to re-establish the HUB Tenants Association and select a new executive.

The Association was disbanded about a month ago due to lack of participation when virtually nobody showed up to a general meeting to select a new executive.

Housing and Transport Commissioner Paul Alpern feels the HTA plays an important role in both establishing HUB community spirit and providing the Mall's tenants with a voice to the University.

The meeting will be held on Thursday, Dec. 8 in the Humanities Lecture Theatre II at 7:00 PM.

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The stairwell where University President Myer Horowitz jumped to his death last night

University losing on acquisition?

by Cheryl Parsons

Though the University has suspended its Windsor Park land acquisition policy there is still question about the financial advisability of the five house purchase.

The university had originally planned to acquire houses along 116 street and 117 street north of 87 avenue which they claimed would "act as a buffer zone against future construction on university property."

According to VP for Planning, Ron Phillips, the houses will only be rented to new and visiting staff members. University President Myer Horowitz said that part of the reason for the houses' acquisition was to attract these high calibre professors to the city.

Horowitz also said, "it makes as good sense for universities to invest in property as anyone else."

There is now reason to believe that the "good sense" might have been just the opposite.

The University will not dis-

close the exact rents charged not the exact prices of the houses at present.

Says Brian Silzer, Administrative Director for the Board of Governors, "rental rules are based on the advice of city rental agents and market rates."

Edward Chambers, Chairman of USSWP (University Staff to Save Windsor Park) suggested earlier that "in order for a \$160,000 house to obtain a comparable yield to a risk-free bond, rent of at least \$875 would have to be charged."

Added to the estimated \$160,000 price tag per house are extensive renovations done at an average cost of \$16,000 per house. Therefore, at an average estimated cost of \$176,000 rents would have to be considerably higher than Chamber's original estimate.

The renovations came as a result of the concern voiced by Windsor Park residents that their property value would go down because of the rented homes - cited were references to Garneau.

News writers meeting today at 3:30. Room 282 SUB. One more real issue left!

You let Bartholemew buy you dinner?!



Yes.



Oh, Sarah. Now you owe him something...



Cheeze whiz on rye and a large fries?



Sarah Hickson '93

Sounding board for developing issues...

Question period equalizes

by Neal Watson

In an effort to convince those skeptics about the antics of our elected representatives, the Legislative Interns called their forum on Tuesday "The Importance of Question Period."

Legislative Interns are university students, usually political science majors, selected to work for all parties in the Legislature for a period of one year.

The Interns presented three guest speakers who all spoke about how important question period was, but failed to address the average person's perception of the Legislature and the theatrics contained within.

Professor Engelman, the chairman of the political science department, said there was a "terribly unequal situation between government and opposition in the parliamentary system."

Engelman called question period "the only equalizer" for the opposition. It, he emphasized, is "vital for the functioning of parliament when the opposition is weak" as is presently the case in the Alberta legislature.

Question period is virtually the only parliamentary device the opposition has for bringing the government's actions to the attention of the public. Consequently, the importance of question period intensifies in the Alberta political context as a very small opposition is responsible for scrutinizing the actions of the huge Conservative majority.

Professor Engelman said that

question period was the "only thing that engenders public interest." However, more often than not, the public's interest focuses on the theatrics of the process rather than the substance.

With a very small opposition, the importance of the media in monitoring the government is crucial. One expressed purpose of question period is to bring issues to the attention of the media.

Geoff White, a *Calgary Herald* columnist and President of the Press Gallery at the Legislature, called question period an "imperfect" but "important sounding board for developing issues."

"Government decisions are held up to closest examination" during question period permitting the opposition and the media to inform the public," said White.

Answering criticism that the media focuses on question period to the detriment of other government business, White defended the media role and said question period was an important "focus for developing a story."

White admitted that the "lively exchange" nature of question period gears it to media coverage. However, he also said this is not a negative thing, because question period is just a "convenient peg to attach a news story."

Problems exist for the media in its coverage of question period as well. Because of the small opposition, White said question period is not "as reflective" as it would be if there was a large opposition.

Question period is "imperfect" and reflects the political affiliation of opposition members said White. For example, NDP leader Grant Notley questions often reflect his union partisan.

Most dangerous is the government's potential for manipulating the question period said White. It is a common and legitimate government device to provide government backbenchers with questions for Ministers thus hampering the opportunity for opposition members to ask questions.

Referring to suggestions that Speaker Amerongen was responsible for hampering debate in the present legislature, Warren Graves, a former clerk assistant, said the speaker was only responsible for imposing procedure rules defined by the members themselves. Geoff White rejected this contention and said that Speaker Amerongen's rulings were often "arbitrary" and "capricious." The speaker was responsible for "repeated intervention into debate" charged White.

It was alleged that question period serves a "conspiracy of interests," including the press and the opposition.

Despite any conspiracy theories and the existing public cynicism about the process, question period remains virtually the only device to bring the government to public accountability.

Bar None from forgery

No new evidence has been discovered regarding the Bar None liquor ticket incident which cost the U of A agriculture club almost \$1000.

Hundreds of illegitimate liquor tickets were used by patrons of the event to purchase liquor.

"We never noticed the difference in the tickets until the end of the night," says Rick Volek, Assistant Bar None Director.

He continued, "the letters on the illegal tickets were just a little bit bolder than the real tickets."

We weren't checking the tickets closely enough because of the high volume and fast pace of the sales," he said.

Volek thinks that someone must have come to Bar None early and phoned someone else, describing the tickets' appearance.

The illegal tickets' use resulted in the club running out of beer about five minutes before the events' close.

"There were about 100 people who were really mad but that isn't too bad considering over 2000 attended," says Volek.

The Agriculture Club subsequently offered refunds for the unused tickets.

However, at least one student complained that he couldn't receive his money back - the refund booth shut down before he reached it.

Bar None Director Ken Gratz denies this, saying "we refunded almost \$1000. As far as I know everyone that wanted a refund was given the chance."

Anyone knowing anything about this incident should contact the U of A Agricultural Club at 432-2932.

Movie boosts awareness... Candlelight vigil

Organizers expect about 500 people to participate in a "refuse the cruise" candlelight vigil that will be held in front of City Hall Saturday night.

The vigil will be held in conjunction with activities across Canada and the United States.

People are also urged to wear a green arm band all day Friday. "When people ask, 'what are you wearing that for,' you can explain it to them," says Doreen Caldwell of the Campaign for Nuclear Disarmament.

The vigil has been planned for some time.

"In about October US peace groups calling themselves the People's Test Ban came up and said we should act in solidarity," says Caldwell, "all across the US people will call for the end of the arms race."

Caldwell feels it is important that the Canadian and American peace movements work together. "We're not Anti-American people," she says, "we're against American policy."

"In Vancouver they will be marching to the peace arches at the border... in Toronto an anti-cruise Santa Claus Parade to the Liberal party headquarters is planned."

Caldwell says there will also be protests in Winnipeg, Regina, and Montreal.

Caldwell expects the turnout to be boosted by an ABC TV movie shown recently.

"There has been a new interest because of 'The Day After'... a lot of people are shaken up."

The protest takes on added significance in light of a Court of Queen's Bench decision on Monday to reject the peace movement's challenge that testing the Cruise was unconstitutional.

Saturday's vigil will commence at 8 PM.

Snake charmers unite

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affected by selection and our biases. You can't trust what you remember since memory is not a filmstrip in your head, but rather is constructed - manufactured after the event. We build images of paranormal events and are prone to do so particularly in ambiguous or emotional events.

Besides these examples, there are instances where people don't even bother to look for rational explanations, or cases where people are under the influence of

mind altering phenomenon, like hypnosis or drugs, which radically alter a person's perceptions.

Alcock concluded that people weren't properly prepared to deal with so-called paranormal events. "No one ever tells us in school that we will have these experiences and that they will be strange."

"We have to train children in both logical thought and the workings of their own minds. Universities in particular have a responsibility to teach logic and rationality."

EDITORIAL

Yes to Parrot

The Canadian Union of Postal Workers (CUPW) has decided to unilaterally lower postal rates on ordinary letters to 10 cents from December 11 to 17.

Unfortunately this amounts to little more than a last ditch effort to boost CUPW's negligible credibility and popularity in the public eye, and comes off as the cynical, half-baked whim it really is.

It only illustrates how little the union is willing to work with management. This postal rate change after all is a unilateral union move. It's fine to disagree with your bosses, but to unilaterally set policy? Unions are there to act as liasons between management and the workers, to bargain between the two parties, and to represent the workers' concerns. How does lowering the postal rates fit into any of this?

This move can only further discredit the whole labour union movement as far as the public is concerned. Loughheed's Bill 110 and other governmental efforts to undermine unions should illustrate CUPW's desperate need for public support.

CUPW also claims that this postal cutback will even out the inequalities of the post office's policies towards large corporations. As of now, large corporations get breaks on postage. I'm not saying that this is a good or necessary thing, but I can't see how the union's little coup can do anything but hurt that average letter writer, never mind equalize the situation.

The cut back rates will only clog up the mails till next July and the deficit incurred will only lead to staff layoffs which will slow up the mail service even more.

The mails slow down, and the large corporations shift to private couriers, this causes even more losses, more cutbacks, more layoffs, and even shittier service. How does this help the small business and the individuals who depend on the post office and can't afford private couriers?

And if the deficit is to be reduced by increased public support (taxes), who'll end up paying them? Not the large corporations who can hire packs of lawyers to avoid paying almost any taxes at all. As usual the lower and middle income earners pick up the tab.

Over all this is an ill thought-out and cynical manipulative move that we really don't need. Thanks, CUPW, but no thanks.

Gilbert Bouchard

CUPW stupid

When I first heard the postal workers were planning to deliver letters for ten cents during the week of December 11 to 17, I laughed.

I thought it was just great - labour screwing big business to our advantage.

After more consideration, I am even more convinced that this is a truly wonderful gesture.

I cannot understand why so many people are so violently opposed to the move.

The only intelligent objection I can find amidst the piles of rhetoric is that the reduced rate will cause a postal deficit so we will not really save anything since our taxes next year will absorb any saving made at Christmas.

But Jean-Claude Parrot, the President of the Canadian Union of Postal Workers argues that the post office routinely gives discounts to corporations and therefore should be able to give the private citizen a break for one tiny week.

And even if Parrot is wrong, so what?

Even if we have to make up for every penny saved at Christmas through taxes, nothing has been lost. We should not condemn the postal workers for trying.

The *Edmonton Journal* denounces the discount as "political grandstanding on the backs of ordinary workers." (The *Sun* is surprisingly restrained on this issue.)

What nonsense.

Canada supposedly has a progressive income tax system: if taxes have to cover a postal deficit, theoretically these taxes come from the rich - not the "ordinary worker."

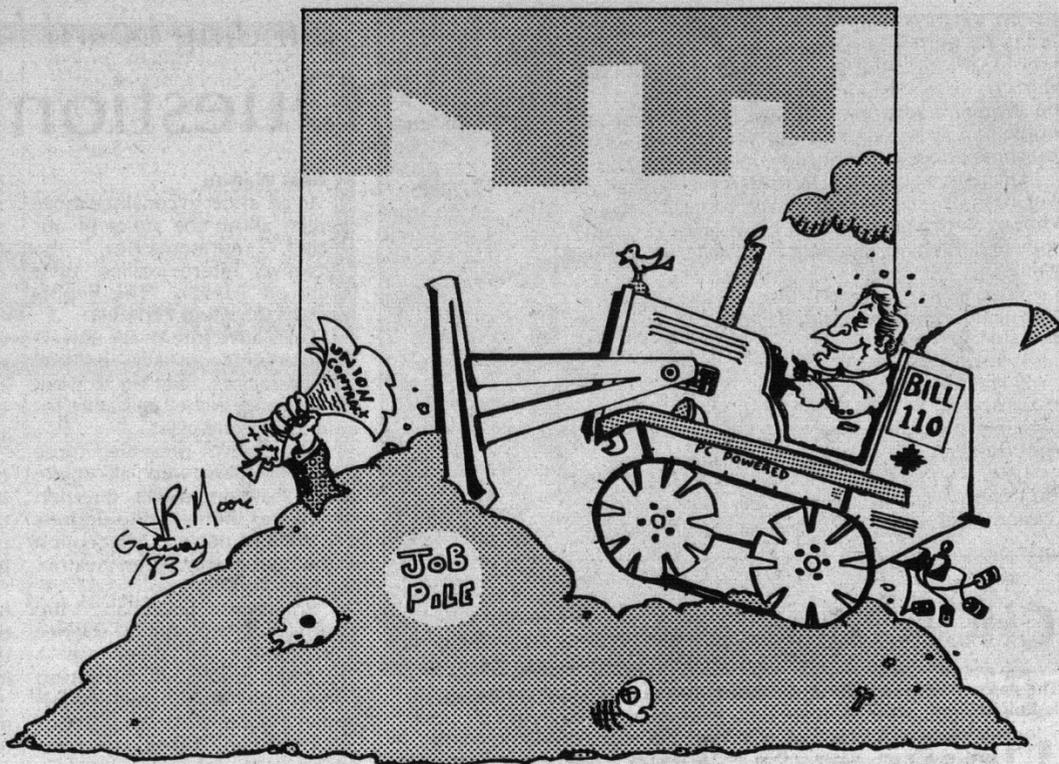
As usual, the *Journal* is just ranting at the expense of labour.

We are always quick to criticize postal workers: we should be equally quick to praise them for an initiative that should have come from management.

Cynics claim the postal union is merely trying to polish its tarnished image.

But when a service does something that benefits its customers, this is exactly the sort of thing which merits a better image.

Mark Roppel



LETTERS TO THE EDITOR

Lost: My self-respect

RE: Identification of Stolen or Lost Property

Frequently Campus Security Lost and Found Department receives items such as calculators, etc., that have been found on Campus but upon which there is no identification marking. Similarly reports of stolen or lost items are received but here again no positive identification is available. Members of the Campus community are reminded that Campus Security has available a gratis engraving program that relates to marking the owner's identification on items such as calculators, etc. and by which it may be possible to interface information regarding found and lost property, and its use is encouraged.

Alternatively, it is recommended that the serial numbers of items such as calculators, radios, etc., be noted and retained separately by the owner in the event the item is stolen or lost, hereagain for the purpose of returning the object to the owner should it later be recovered.

W.F.G. Perry, Director
Campus Security and Parking Services

#

A formula to live by

Based on the assumption that the memory eye and the thought eye switch roles every time a cell in the brain pops, I have come to the conclusion that space is equal to time taken to the infinite power.

The brain is a set of cells. At most single points in time each cell has a charge, + or -, each cell has the power to change the charge of every other cell and leave its own charge the same, with a pop. Only one cell can pop at a time.

At most single point in time, one eye is the thought eye and the other eye is the memory eye. The point of fixation in space of the memory eye has coordinates (0, 0, 0), and that of the thought eye (x, y, z). There is a point in the last cell that popped that is associated with the fixation point of the memory eye. The value of x, y, and z fluctuate as the thought eye does its job roaming through space.

A cell pops, and in this cell is a point (x, y, z). The thought eye becomes the memory eye and the

memory eye becomes the thought eye. (x, y, z) goes to (0, 0, 0) and the life in the brain takes note of these disappearing numbers so that each cell that pops has the address of the last cell that popped.

This is learning, all else is thought. All that is known is a seemingly infinite path through space.

The time it takes light to go from (x, y, z) to (0, 0, 0) is the time we spend thinking, and from (0, 0, 0) to (x, y, z) the time we spend learning.

Consciousness is a map from a set with one member to a set with infinite members, is $M = (Th+L)$ is T .

Yours truly,
Greg Ustina

#

Old Farts Mouth Off

We, the Campus Right-Wing Old Boys, are sick and tired of the mealy mouthed mutterings of the Gateway's resident socialists and fellow travellers.

In particular, we find Oscar Ammar and Mike Walker to be particularly insidious and dishonest.

Your recent survey of Gateway readers indicates that they would like to see less left-wing propaganda and more articles which reflect the true conservative character of the majority of University students.

May we suggest that the "What's Left" column is replaced with one entitled "What's Right", which we would be pleased to provide on a weekly basis.

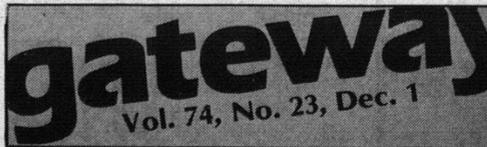
The Campus Right-Wing Old Boys

#

Use it or lose it?

RE: Donna (Don) Smith's Washroom Dilemma.

You poor thing. It must truly be an awful situation you are in and I can only imagine the pressure you put on yourself to try and limit your number of these experiences. I feel I can sympathize somewhat with you as I too have encountered awkward feelings whenever I use the Women's washrooms, and not only on campus, but throughout the city. The obscene leers, the dirty looks, and all the screaming and yelling can just drive a guy crazy. However, I have come to realize



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Staff this issue:

Christmas is coming, and the Gilbertologists prepare for the yuletide season. Ian Ferguson, Cheryl Parsons, Sarah Hickson and Mike Walker journeyed to the wilds of Woodwards, and chopped down an aluminum tree, only to discover Neal Watson and Georgeann McInerney stringing tinsel from Algard's ears. Jordan Peterson, Patrice Struyk, and Lisa Soerenson formed a tapline, humming Silent Night. Scrooge Moore and Tiny Tim Watts chased Barb Eyles and Terry Lindberg with mistletoe, while Brenda Waddle and Maureen Bourke did the backstroke in the egg nog.

that the situation cannot change and so I must be the one to do so; this I have done by learning to block out from my mind the very presence of those things which make me feel uncomfortable when I do use the Women's restroom. However, enough of my problem; Arty Poodle Abby Landers is here to offer you some possible solutions to your problem.

First, have you tried spreading mayonnaise all over it and then slapping it with a dead herring? Whoops, wrong problem. Oh yes, you're the...well, I guess I don't have to mention it. Well, let's try this again.

Since space is limited Donna, I'll just put down four suggestions here. If you'd like some more, just send Don to see me.

- 1) See my problem.
- 2) Hold it until you get home.
- 3) Abstain from doing it until after your final operation. It's a disgusting habit anyway, in fact, it might do you good to give it up for life.
- 4) See Robbie Greenhill again. It's obvious you didn't approach him properly, as I have on many occasions (remember Robbie, spread mayonnaise

over it and then slap it with a dead herring, not the other way around). All he wants is a little reciprocity on your part, so just give it to him (but be gentle). This done, I know he would only be too happy to designate the washrooms of your choice, on campus, to be for "Transexuals in the process of being heterosexual only".

There you have it Donna, 4 solutions to choose from. Isn't it nice to know that when you have a problem, Auntie Arty Poodle Abby Landers is here to solve it for you? Remember now Don, and all you other readers out there, when you have a problem, don't take it to the University Administration, write to your Aunt Arty if you want results.

Arty Poodle
Science III

###

Secret Message

Attention all G.A.T.E.W.A.Y. Agents: Real important secret type staff meeting today, at my office, at 4 o'clock. Be there, fate of Western World at stake (P.S. Eat this paper after reading).

CHOPPING BLOCK

by Jens Andersen

"Synthesizers are programmed to sound white - that's how prejudiced white people are..."

The speaker is Miles Davis, as quoted in the September 29 *Rolling Stone*. Another quote from the same article:

"If I was black for sixteen years and I turned white - shit, I'd commit suicide. 'Cause whites have knowledge but no rhythm. Classical music was invented 'cause white people didn't have no rhythm..."

There are more quotations in the same vein, and the writer of the article on Miles is finally obliged to point out that "Miles Davis is no racist," and even likes Frank Sinatra.

The point, it seems to me, is that Miles is a racist, but so what? Racism is largely an imaginary crime anyway. After all, you can't have any sort of group pride (as Miles does) without looking down on people who don't share the group's virtues. This attitude is a natural manifestation of the human tendency towards insular groups.

There are damn few cosmopolitans anywhere in the world. What separates this harmless "darkies-got-rhythm, honkies-don't" sort of racism from lynch-mob and gas-oven type is something that rarely gets talked about: the almost universal human need for a scapegoat to bludgeon whenever a crisis arises.

The reason for this silence is not hard to find.



The fact is that most people who claim to fight racism merely have *different* scapegoats. If their bugaboo isn't the Jewish conspiracy it's Zionism, or the spectre of anti-Semitism. If it isn't the communist conspiracy or creeping socialism it's the oppressive capitalist system and greedy businessmen. If it isn't permissiveness and moral decline it is authoritarianism and cultural imperialism. If it isn't militarism it's defeatism.

Just as there are very few cosmopolitans there are very few people who make a genuine effort to analyze and understand a given state of affairs. Most people just look for someone or something to blame.

While doing the Orwell research for the *Chopping Block* last week I did plenty of random browsing through his essays. A pleasant time it was, and it turned up some interesting items. Take, for instance, these comments made during a 1946 British Royal Commission into the press, and still valid in these Kent commission times.

In the current discussions of the Royal Commission that is to inquire into the press, the talk is always of the debasing influence exerted by owners and advertisers. It is not said often enough that a nation gets the newspapers it deserves.

What matters is that in England we do possess juridical liberty of the press, which makes it possible to utter one's true opinions fearlessly in papers of comparatively small circulation. It is vitally important to hang on to that. But no Royal Commission can make the big-circulation press much better than it is, however much it manipulates the methods of control. We shall have a serious and truthful popular press when public opinion actively demands it. Till then, if the news is not distorted by businessmen it will be distorted by bureaucrats, who are only one degree better.

★★★★★★★★ **WHAT'S LEFT** ★★★★★★★★

by Mike Walker

Construction unions backed against the wall

Our provincial government seems to have a bottomless bag of tricks for the trade unions. The latest is Bill 110, which could destroy most trade unions in the construction industry.

Bill 110, after passage in the legislature, will make a simple change in the Alberta Labour Relations Act: it will allow unionized construction firms to set up non-union subsidiaries. This will be a dream come true for large unionized firms like Cana and PCL since they will be able to replace most of their unionized workers with non-union workers whose wages are substantially lower — in the case of laborers, for instance, \$6.70 per hour lower.

This could indirectly affect most of us since high union wages push up wages and salaries throughout the economy, even for people outside unions. If union wages drop, so will wages in general.

During boom times, with a shortage of labor, the big firms which needed large workforces were willing to pay high wages to keep up a steady pace of work. Now, with tens of thousands of desperate unemployed construction workers willing to work for much less than union wages, the firms would like a way out of the contracts they agreed to. Up to now, there was no way out. The collective agreements bound the companies to employing only union members, at union wages. And if a firm set up a subsidiary company, the subsidiary was considered part of the parent company for labor relations purposes. It was thus bound by the parent's collective agreements.

The new law will change this. Wholly-owned subsidiaries of unionized firms will no longer be bound by the parents' collective agreements; so their employees will not automatically be union members, and will not automatically get union

wages. Labour Minister Les Young says the workers in a newly formed subsidiary will now vote on whether to become union members. This has a certain democratic ring to it. But the change really has nothing to do with democratization; it has a lot more to do with profit.

Within a short time, we can expect all the large construction firms to set up subsidiaries. Membership votes will be held all right, but the workers will know the facts: if they vote to join, and thus get higher wages, the parent company will waste no time in setting up another subsidiary. They will then be laid off, and replaced with more non-union workers in the new subsidiary. Under these conditions, very few of the membership votes will pass.

Young says the change will create more employment by spurring construction activity. This is patently absurd; the recession, not high wages for construction workers, has caused the slump in the construction industry. Bill 110 won't create jobs. The same number of workers will be employed, but at lower wages.

The motivation behind the change is simply to allow employers to use the current unemployment among construction workers (expected to hit 60 per cent by spring) to reduce wages, and thus increase profits. If and when the current recession ends, and there is renewed pressure to increase wages, there will be no unions in many firms. The workers thus won't have the bargaining power to increase their wages. Their income will remain low, and the employers' profits will jump as the industry picks up.

Many of the construction unions supported the Conservatives in the last election. Bill 110 makes it obvious that an alliance between workers and the party of big business is a risky thing indeed. Perhaps the union leaders will think again come the next election.

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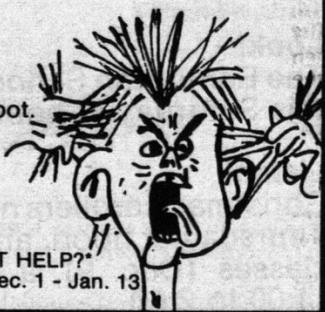
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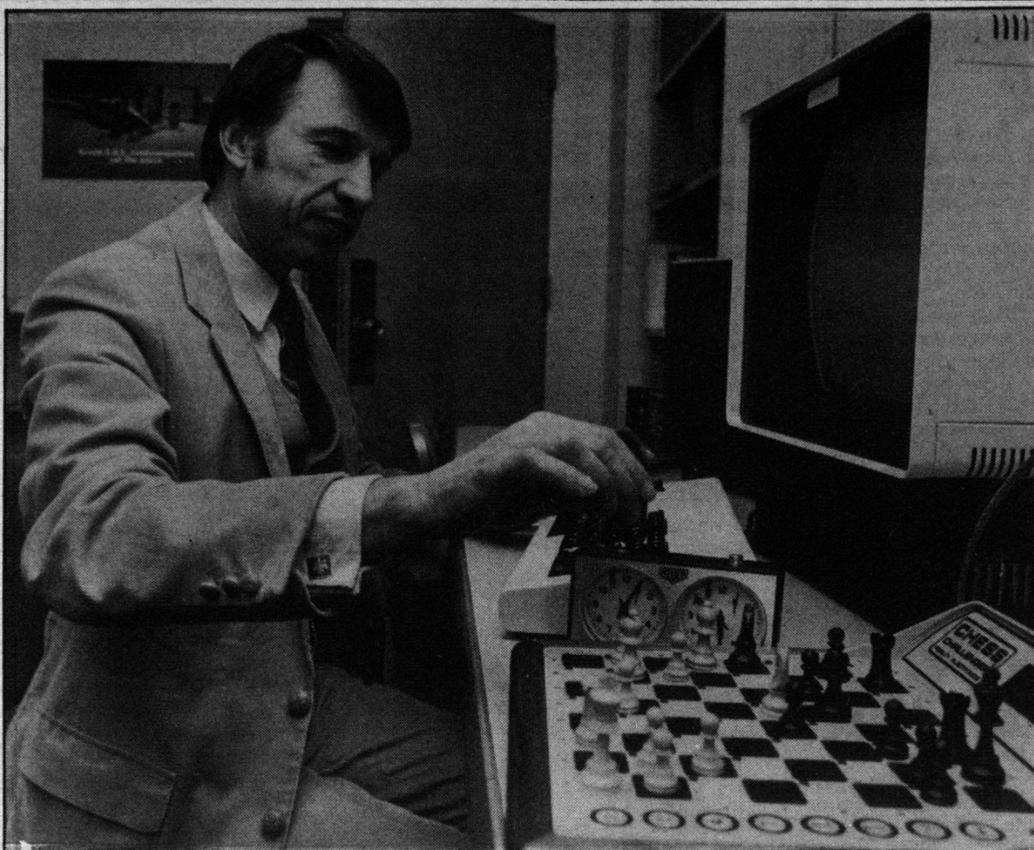


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Man against machine: Dr. Tony Marsland defends himself against his diabolical and scheming chess computers.

Humans still chess champs

continued from page 1

The obvious disadvantage is that if the program discards something it should not have, it will fail to see potentially fatal consequences.

The process has been likened to playing with half a mind or with one eye closed.

In 1970 Awit earned a banner headline in the *New York Times*: "Computer loses in king-sized blunder."

But Awit has had its successes. In addition to its good showing in New York last month, the program managed to tie for first place with two humans at the Edmonton Summer Open this year.

"...one problem programs always have when they face a human is the lack of a killer instinct."

"It plays a tournament twice or three times a year," says Marsland. He says that one problem programs always have when they face a human is the lack of a "killer instinct."

But "ordinary humans don't play computers very often and don't know the weaknesses. It's like when a stranger comes to town," says Marsland.

With exposure the computer becomes predictable.

It is for this reason that Marsland does not play against Awit. "I can manipulate it...I know its capabilities and weaknesses too well."

Another major disadvantage of the selective search type of programming is that these programs are very difficult to write. Marsland has been working on Awit for twelve years.

It is much easier to tell the computer to consider every possible move than to try and write in intricate themes and strategies.

It is because exhaustive search programs are so small that they are found in all home chess computers.

It only makes sense to have the computer do as much, and the programmer do as little as possible. This may be the most important reason for selective search programs falling out of favour.

Also exhaustive search programs have the ability to think while the other player is making his move.

All things considered, "the best programs are exhaustive search," says Marsland.

At the October world championship, an American exhaustive search program, *Belle*, was recognized by the US Chess Federation as the first program to attain a US Master rating.

Essentially making better exhaustive search programming is a matter of employing bigger and faster computers.

Presently computers play chess quite rapidly. At most tournaments a "forty moves in two hours" time limit is enforced. Championship matches between humans can last for days.

But the amount of computing necessary to make better moves increases exponentially.

If the time limit were extended to three hours, there would be little difference. Says Marsland, "you would need something like twenty hours for a noticeable difference."

Similarly, a computer would have to be several times bigger or faster to make use of a program much better than the ones currently in use.

"I believe it is possible to build an exhaustive search program that can play on the Grand Master level," says Marsland, "but I don't know when."

Nor is the research and energy being devoted to writing chess programs all fun and games.

The game of chess, which involves some fundamental principles of logic, can be used as a test bed for discovering things about computer programming in general.

Marsland has already developed a distributed chess program. Distributed programs involve more than one computer working together to solve the same problem.

"We've had as many as six (computers) connected," he says. In this way valuable information can be gained about the control of distributed computers.

"The playing of chess is not the point. It's getting them all to work together - it's experimental computer science," says Marsland.

"I believe it's possible to build an exhaustive search program that can play on the Grand Master level..."

Another aspect of computing which Marsland is interested in is advisory systems.

In an advisory system, a computer works in tandem with a human.

"Humans are quite good at decisions but they are careless," says Marsland. "If the human has made a simple mistake, the computer can recognize it."

Advisory systems could be used to control industrial processes. Marsland uses the example of mixing paint. The human could be responsible for basic decisions and programming basic information into the computer which in turn would be responsible for "preventing the wrong colour from being mixed."

In this way one man could monitor a complex industrial process.

Marsland has successfully used Awit in an advisory role while playing chess by mail.

photo Bill Inglee

The SLOWPOKE Reactor

Nuclear research pays off

by **Georgann McInerney**

The nuclear reactor in the Pharmacy Building at the U of A is one of only six SLOWPOKE reactors in Canada.

SLOWPOKE is an acronym derived from Safe Low Power Critical Experiment given to a small research reactor design by Atomic Energy of Canada Ltd.

Unlike reactors such as CANDU, SLOWPOKE is not a power reactor, but rather a neutron source. Its power level is only 17KW, half of what is needed to furnace a moderate sized home. 400 MW of a reactor like CANDU can produce 400,000 KW of power and could furnace 40,000 homes.

SLOWPOKE is unique because theoretically it is next to impossible to design and construct a working reactor of its small size and simplicity with minimum damage to the reactor and danger to the environment.

Other reactors such as the CANDU reactor are huge and high powered. They must be electronically monitored with several backup systems.

If potentially dangerous situations arise, the reactor absorbs great quantities of neutrons instantaneously causing the reactor to automatically shut down.

As the result of clever design SLOWPOKE is much less complicated and is as safe or safer than commercial reactors. Nothing dangerous could happen even if the controls inherent in the system were removed completely. The scientific work being carried out would be spoiled, and a small additional amount of fuel would be

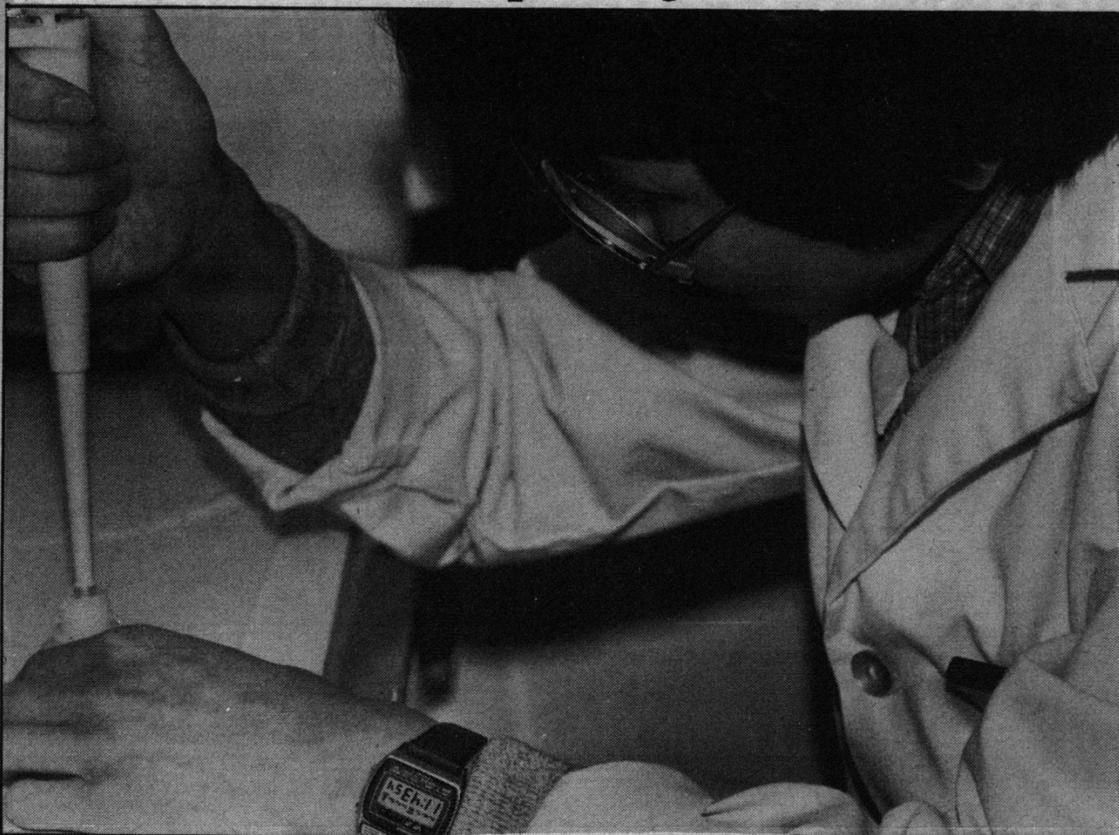


photo Angela Wheelock

Above: Dennis Ng, Research Technician, prepares samples for analysis.

consumed, but the reactor would not be damaged and no dangerous radiation field would be produced.

In addition, to guard against gamma rays, SLOWPOKE is immersed in 4.5 metres of recycled purified water 20 feet underground beneath a concrete lid that weighs 9 metric tons.

SLOWPOKE has two basic uses for different disciplines within and outside of the university.

The first is to provide a source of neutrons to convert normally non-radioactive elements of material, to radioactive versions of those same elements. The radiation given off by these "radioisotopes" can then be used to detect and measure the amount of the various elements present.

This technology is used in a process known as "Neutron Activation Analysis". Pharmacy, for example, uses it to determine the effects of pharmaceuticals (drugs), by attaching a radioisotopic tracer to them. The drugs become radio-pharmaceuticals and their movement and action can be observed by monitoring the radiation given off.

Geologists use the process to determine how rocks have been created by quantitatively measuring trace elements in samples.

The other major use of the reactor is to produce radioisotopic tracers: an element of interest has a small quantity of a radioisotope of the same element added to it. The radiation from this is used as a very sensitive way to trace the movement of the element through the system under study.

Medicine applies this to determine how different elements cross the walls of blood cells.

An important asset of SLOWPOKE is its capacity to readily produce a number of short-lived radionuclides which is useful for two reasons. Firstly, short-lived radionuclides decay away rapidly and large quantities must be used to conduct an experiment of any duration. Producing them locally avoids expensive transportation cost. The nuclides must be shielded if they are flown in.

In addition when Neutron Activation Analysis is carried out using short-lived radionuclides, the reactor makes it possible to make measurements more quickly.

An example is the analysis of Selenium, which could be important to the study of cancer and some other diseases.

Some investigation of its possible protective role against cancer is being carried out. Cattle and calves which do not have sufficient dosages can die from white muscle disease, while, on the other hand, too much can send them "loco".

To conduct tests the Selenium must be irradiated. Irradiated Selenium nucleoids have a half-life of only 17 seconds. If the university did not have the reactor to irradiate nucleoids, these nuclear experiments could not be conducted.

The reactor was installed in 1976 at a cost of \$205,000.

Below: Pete Ford at the reactor's controls.

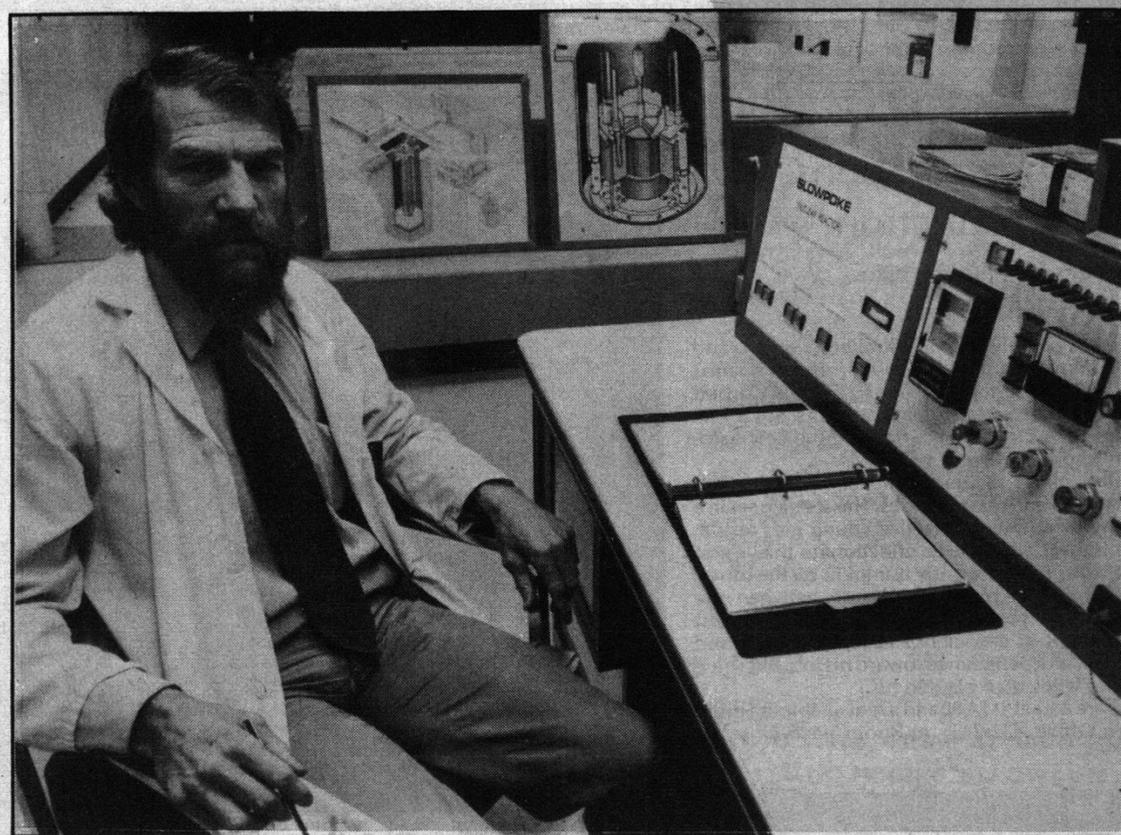


photo Angela Wheelock

ENTERTAINMENT

Winnipeg troupe shows why they're on top

Royal Winnipeg Ballet
Jubilee Auditorium, Nov. 29

Review by Patrice Struyk
and Lisa Sorenson

Though they started off somewhat

weakly, the Royal Winnipeg Ballet's performance proved that their reputation for excellence is no fluke. The 26-dancer company, under the artistic direction of Arnold Spohr, is capable of wonderful things.

The opening number, "Allegro Brillante", was not as "brilliant" as it should have been. With music by Tchaikovsky and choreography by George Balanchine, it is meant to be characterized by maximum classical movement to full

orchestral accompaniment and piano solo, in restricted time and space. While the male corps were physically well-matched to their task and unified in timing, the female corps were off-time in spots. The female lead noticeably lacked gusto where the music called for it.

More in the RWB's tradition of excellence was the "Blue Bird Pas de Deux" excerpt from *Sleeping Beauty*. Martin Schlaepfer demonstrated marvelous agility. Susan Bennet's performance was full of vitality and technically superb. As a pair, they (literally) made the audience catch their breaths.

The modern "Lento A Tempo and Apassionata" was appropriately titled. The backdrop was transformed into a starry sky. A lone pianist took to the stage. Two lithe forms in flesh-tone bodysuits lay intertwined on the floor — to ever so gracefully and passionately come to life in an agonizingly beautiful dance. Evelyn Hart's exquisite style was well supported by Andre Lewis. Night became dawn. The passion continued, freeform yet elegant and disciplined, until the two gracefully and slowly melded into one and ended, again, intertwined, on the floor.

The combination of Strauss's music and Toer van Schayk's earth-toned thunder-sky backdrop would have been too heavy for some if not for the choreography of Rudi van Dantzig. "Four Last Songs" portrayed death and separation. However, van Dantzig's use of classical and modern technique to deal with the subject was powerful and hopeful. John Kaminski, dancing the black role representing both death and unification, was explosive. His former training as a Ukrainian dancer was evident in his forceful leaps and turns.

In a more whimsical vein, "Les Patineurs" displayed the humorous side of choreography. On a mock skating-rink replete with pine trees and snow, the dancers slipped and slid and "skated" as only such accomplished interpreters of movement can. Svea Eklof (formerly of the Albertz) was delightful as a Blue Girl. The White Couple stood out because of their breathtaking costumes. And then David Peregrine, the Blue Boy, glided out, all light and air and cheer. Fluid in motion, smiling, personality exuded from every well-toned muscle. He captivated the audience. As good a mime as a dancer, Peregrine clownned to the end.

This programme will be repeated on Dec. 2 and 3. Another selection will be performed on Dec. 1 and 4, including the lovely "Le Corsaire" and a number called "The Hands" which utilizes music by Eric Clapton and the Beatles. And the ballet is accessible to poverty-stricken students, with rush seats available 1/2-hour before showtime for a mere \$5. That's money well spent to experience Canada's oldest and most renowned ballet troupe.



Royal Winnipeg Ballet principal dancers - Evelyn Hart, and David Peregrine.

Lack of funds puts publishers against the wall

Without a Canadian publishing industry there can be no on-going literary tradition in Canada.

As part of *Canadian Studies 300: The Politics of Arts in Canada* a forum of Canadian publishers and editors was presented on Campus on Monday Night. Guest speakers were Ann Wall of Toronto's Anansi Press, Allan Shute of Tree Frog Press, Jack Lewis of Newest Press and Jim Marsh Editor in Chief of the Canadian Encyclopedia.

From the outset it became clear that there is little profit to be made in publishing Canadian titles. The Canadian publishing industry survives largely with the help of government grants. Without financial support from the provincial governments

and the federal Canada Council Canadian Publishers cannot afford to publish books by Canadian authors.

The competition in the book market from foreign, principally American, publishers is fierce and often too strong to be overcome by the fledgling Canadian publishing industry.

Said Ann Wall, "Eighty per cent of all volume book sales in Canada go to foreign companies, but eighty per cent of all Canadian titles are published by Canadian publishers."

Jack Lewis said a lot of the problems arise from cost. Once printing and editing have been paid for there is little money left over for distribution and publicity.

Most of the speakers categorically stated that they did not wish to compromise their integrity by publishing cookbooks or pulp in order to make a profit to offset costs of printing Canadian

poetry or serious literature.

The one exception to this was Allan Shute of Edmonton's Tree Frog Press. He had been partially supported by grants in the past but "only enough to get into trouble."

He said that originally he had got into publishing in order to print Canadian Poetry, but, he had always had a bread and butter project on the side.

Shute said in the past he had done contract printing or taken in typesetting to earn money to keep financial ruin in the distance. He had also published Edmonton Access a guide to inexpensive living inside Edmonton.

Jim Marsh, said one solution to the financial problems of Canadian publishers determined to print Canadian titles might be in the printing of Canadian textbooks.

"If provincial governments would sponsor only Canadian publishers to print textbooks with a Canadian viewpoint, then we could have the profitability to support Canadian Literature," he said.

Studio Theatre opens second production of season tonight

Who's this slightly vampish looking woman, and doesn't she know that smoking could ruin her health?

In order to find out, you'll have to drop by Corbett Hall at 8:00 PM between tonight and December 10 when the U of A Drama Department Studio Theatre stages Jean Anouilh's *Thieve's Carnival*.

Anouilh's play is an excellent lark, loaded with humorous whims and masquerades. The scene is set in a palatial home where two attractive young girls reside. The home is invaded by three affectionate thieves on the one hand, and by a country bumpkin on the other.

A lovely romance blossoms instantly between one of the girls and the youngest thief. Being a very honest fellow, he cannot in conscience accept her love, and instead turns with a vengeance toward his job. But she is swifter in her wiles than he is in his.

Tickets are a steal at \$4.00 and are available at Studio Theatre Box Office, 432-2495, or Room 3-146, Fine Arts Centre.



photo Angela Wheelock

"Why don't ya come up and see me some time."

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Gonzo king ready for Geritol and quiet park

The Curse of Lono
 By Hunter S. Thompson
 Illustrated by Ralph Steadman
 Bantam Books, 1983, paperback

review by Greg Harris

Poor Hunter: either he has, at last, thoroughly pickled his brain with a pot-

pourri of booze and illegal chemicals, or he's gone senile. Why else would the Granddaddy of Gonzo Journalism journey to Hawaii - certainly a place to be feared and loathed as much as Las Vegas or the Campaign Trail - and return with something as drab as *The Curse of Lono*? There's something annoying, sad, and

pitiful about viewing pictures of someone else's boring vacation, especially if you admire the person for the exciting and terrible scrapbooks they brought back from adventures in earlier years.

Ah, well. Maybe living life on the edge while exposing insidiousness should be left to younger, more irresponsible writers who don't care much about reputation, or dangerous health risks.

Running magazine, a periodical aimed at people Thompson calls "Body-Nazis", sends the journalist, and illustrator Ralph Steadman out to cover the annual 26-mile Honolulu Marathon. Thompson brings his fiancée and Steadman brings his wife and young daughter, all of whom assume they're in for a holiday of fun in the sun.

From the moment they arrive, however, they realize they aren't. Both parties disembark from separate but equally discomfiting flights. Steadman injures himself the same day and returns to England soon after. Covering the race has little appeal. The weather is unceasingly wet, and finally the group is trapped in a raging storm on one of the smaller islands for most of the last half of the holiday.

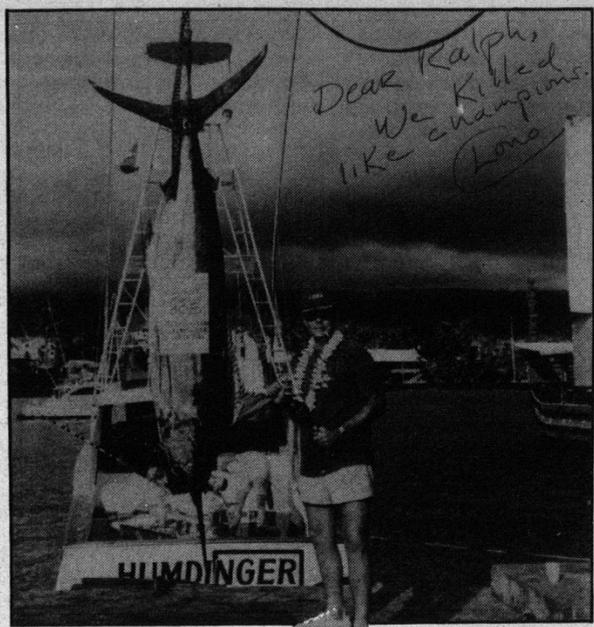
As for insightful social commentary, there's some, but very little. "Run for your

life, sport," advises Thompson, "because that's all you have left. The same people who burned their draft cards in the sixties and got lost in the seventies are now into running. When politics failed and personal relationships proved unmanageable... after Ted Kennedy got Stassenized and Jimmy Carter put the fork to everybody who ever believed anything he said about anything at all, and after the nation turned en masse to the atavistic wisdom of Ronald Reagan."

Thompson also makes an effort to probe the roots of racial tension on the islands, but is clearly more eager to tell us how he caught a 308 pound marlin. This man is definitely moving into his twilight years.

While Steadman's artwork is stunning, the lacklustre narrative and \$10.95 cost make this a book important only to die-hard devotees. One gets the sneaking impression Thompson knows this is a rip-off when he says early on: "The time has come to write books - or even movies, for those who can keep a straight face. Because there is money in these things; and there is no money in journalism."

If money's the scam, Hunter, give us the ol' frenzied, bad-craziness of your books of old - or something completely different.



Fewer drug and alcohol binges for Hunter - more fishing



"I have clinched and closed with the naked North, I have learned to defy and defend; Shoulder to shoulder we have fought it out - yet the wild must win in the end."

*Robert Service

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Tickets are available from the SUB Box Office (2nd Floor SUB) and various club members.

NOTE: These events are open only to U of A students, staff, and guests.

U of A Mineral Engineering present

Friday, December 2; 8 PM.

20 feet



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Saturday, December 3; 8 PM.

RECREATION STUDENT'S presents

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Friday, December 9
 3 p.m. - 6 p.m.

SANTA STOMP
 presented by ESS

all proceeds to the Christmas Bureau &

Another Don't Drive Home Event
 8 p.m. to Midnight
 presented by Tae Kwon Do

SPORTS

Playing around on the rise

by Terry Lindberg

Campus Recreation is nearing the end of its most successful session of fall programs ever. Even with a substantial increase in enrolment figures at the U of A, Campus Recreation has more than kept pace with growing student demands.

In one area, Non-Credit Instruction, approximately 700 people enrolled in this fall's programs, an increase of 200 over last year's total.

Staff Fitness and Lifestyle Programs also experienced a dramatic rise in participation, as over 1,000 individuals participated during fall.

Sports Clubs included over 1,000 students, and also added two new clubs.

Finally, Men's, Women's and Co-Rec Intramurals also benefitted from increased student involvement during fall. In Men's Intramural Hockey alone, over 2,000 students participated on 105 teams. The ever popular Co-Rec Fall Volleyball League had 88 teams and over 900 students involved. Figures have clearly showed a continued climbing interest in student recreation of almost every form.

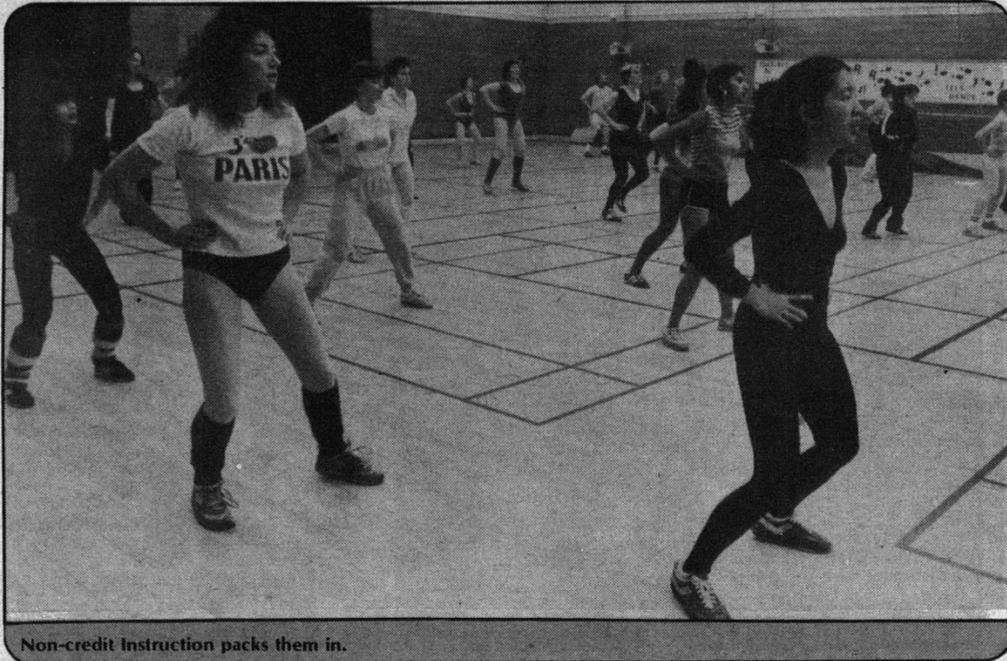
Co-Rec Curling results have been tabulated with Frank Lee's team of Judy Jorgenson, Craig Nyrose and Donna Morrison taking first place in a "slide" with 24 points. In second place was Forestry consisting of Reid Schmidt, Simone Dalpe, Mary Drinkwater, and Kelvin Hirsch with 18 points. Then in third spot was Wrecking Crew; Tim Lucas, Naomi Penovault, Dianne

Kadonaga and Jeff Green with 13 points.

The Women's Intramural Racquetball Tournament last Saturday was well attended with Patti Kozoriz winner of the overall title. The Men's Intramural Squash Tournament is set to go this weekend Dec. 2, 3 and 4th. Competition in this event should be top-notch.

On a special note, Campus Recreation will be hosting this year's 4th Annual Western Canadian Student Intramural Conference, February 3rd, 4th and 5th, 1984. So far it looks as though 60-70 delegates from a variety of intramural programs in Canada will be attending. It is hoped that this conference will facilitate an exchange of information that can help everyone improve the quality of programs offered to students in the coming years.

Stay tuned for next week's article which will feature final results from Snooker, Hockey, Water Polo, Squash, Basketball etcetera.



Non-credit instruction packs them in.

photo Angela Wheelock

Women athletes want more money

MONTREAL — "You can't take money from men's varsity sports to give to girls' things."

So said Concordia University's athletic director Ed Enos last year in the documentary, *Why The Difference*.

This year, the athletics department is under attack from all sides over discrimination against women athletes.

The controversy centers around the huge disparity between funding of men's and women's sports programs at Concordia, as well as the apparent disregard of women's concerns by athletics officials.

Women's Soccer coach Gerard McKee is among the many critics of the women's program.

"Women's sports are by Ian Ferguson

definitely not taken as seriously as men's," said McKee, whose yearly salary of \$500 is less than a third of last year's men's soccer assistant coach. "Women should have their own athletic director and there are certainly a sufficient quantity of women available at Concordia for the job."

"Paul Arsenault (women's athletic director and full-time men's hockey coach) does not have much contact with any of the women's coaches. As for Ed Enos, he should at least show some interest...once during the season, he should make an attempt to be there during a game. As it is he never shows up."

Women's players are equally disturbed by the situation. Said soccer player Karen Ungerson, "Last week, we brought Arsenault receipts from our trip to New York and he didn't even realize that we had been away."

Arsenault considers this criticism justified, saying, "Women have to promote their own program. I can not do it because I have a man's feelings and a man's thoughts. There should be a women's representative."

According to Enos, "Arsenault was handed the job because it was like the changing of the guard."

"How could I be involved with women's athletics?" he said. "I have a full-time job with academic and administrative duties. I simply do not have the time for it."

In 1981, the women's field hockey and volleyball teams were removed from league competition by the department. Enos said this was done because of the "lack of quantity and quality of players around."

"Field hockey was a new activity on the scene and it did not generate interest. The athletes were just not dedicated," he added.

"Furthermore," he said, "the field hockey coach ran off to Yellowknife and there was no replacement for her."

George Short, who was the women's athletic director at the time has a different explanation.

"Cathy Haig was the coach at the time," he said, "and she ran off with her boyfriend to the Maritimes. Once she left, the girls did not have any desire to continue playing. Also we couldn't find a replacement for her."

Actually Haig left Concordia to take a job in Alberta. Contacted there, she told the *Link* she left the university for personal reasons. She said she had suggested Vanier College coach Wendy Stack, who expressed interest in the job as a possible replacement. Stack said she was never contacted.

Julie Healy, who was assistant coach and captain of the field hockey team when Haig left, was irate that the team had been scrapped.

"We had an abundance of players that wanted to play," she said, "and he (Enos) is trying to say that we don't have enough. At least 26 people would show up regularly to team practices and games, even though we only had enough equipment for 15 women."

Bunky Sawchuck





CAMPUS SPORTS WEEKEND

GOLDEN BEAR HOCKEY
vs.
UBC THUNDERBIRDS
Friday & Saturday December 2-3, 1983
7:30 pm. Varsity Arena
All U of A Students FREE with current I.D. card

GOLDEN BEAR BASKETBALL
vs.
REGINA COUGARS
Friday & Saturday December 2-3, 1983
7:30 pm. Universiade Pavilion

PANDA & GOLDEN BEAR VOLLEYBALL
host the
1983 North-Am Tournament
Friday - Sunday December 2-4, 1983
Varsity Gym



This week in sport

The volleyball tournament pushes the Bears basketball team into the Butterdome for two matches against the University of Regina Cougars. Both games, Friday and Saturday, will start at 7:30.

The hockey Bears face off against the UBC Thunderbirds at Varsity Arena (a building just begging to be renamed after Clare Drake) again, for 7:30 games Friday and Saturday.

Coach John Hogg put the men's and women's swim teams through their paces at the West Pool this weekend. The team trials start at 5:30 pm. Friday and 9:00 am. Saturday.

The only team unlucky enough to be on the road during this stretch of sub-tropical weather are the Pandas basketball team. They are in Toronto for the York University Tait McKenzie Classic and one last glimpse of the Grey Cup.

The minute classes stop, sports action starts this weekend.

Friday at 5:00 pm. the 1983 North-Am Volleyball tournament goes at Varsity Gym. Besides our own Bears and Pandas there will be 30 varsity and club teams from western Canada. Action goes until 10:00 Friday and continues on Saturday from 8:30 am. until 10:00 pm. and finishes Sunday, 9:00 to 5:30 pm.

Pandas win

The Pandas Basketball team won the CWUAA Classic in Calgary last weekend. After dropping the first against the University of Lethbridge Lady Pronghorns 52-62, the Pandas came back and scored an upset, 54-50 win over the Victoria Vikettes. In the final, the Pandas beat the Calgary Dinettes 72-71.

Friday, in Varsity Gym, the Bears and the Pandas took on the University of Lethbridge in volleyball. The Pandas took the Lady Pronghorns 3 games to 1. The Bears fell 2-3 to the Pronghorns.

footnotes

DECEMBER 1
 UASFCAS: meeting 1930, Tory 14-9. All sapient welcome, including aliens seeking autobiography ghostwriters.
 Lutheran Campus Ministry: 7:30 pm. Thurs. Evening Worship at the Lutheran Student Ctre., 11122-86 Ave. All are welcome.

St. Joseph's Community: Community spaghetti Supper, 5:15 pm. in Newman Ctre., St. Joseph's College. Tickets: \$2. Speaker: Greg Wurzer with slides on the Dominican Republic.

U of A Pre-Vet Club: meeting 7 pm. in AgFor 1-13. Finalization of Car Rally plans. Speaker is Dr. Mitchell on vet economics and starting a clinic.

U of A Student Liberal Assoc.: Mr. G. Schmidt, Reform Comm. for the Liberal Party of Canada, speaks on "Reform of the Liberal Party" 4 pm. Law Bldg. rm. 237A. Everyone welcomed to attend!

Anglican Chaplaincy: Eucharist - noon, SUB 158A.

U of A Women's Centre: general meeting 3 pm. Rm. 270 SUB.

Circle K: gen. meeting: important project proposal. All members please attend-last meeting of the term. 5 pm. Rm. 280 SUB.

DECEMBER 2
 Circle K: Dance-a-Thon and Christmas Party. St. Joe's College, Newman Ctre. Dance and have fun for a great cause!
 Marketing Club: pre-Christmas Bash, Garneau Community Hall 7:30 pm. \$6.00 for tickets, SUB 242 ph. 432-5857 or 488-4380.

PSUA: Beer&Wine Social - food and lots of politics - join us in SUB rm. 142 5-9 pm.

Dept. of Music Concerts&Special Events: U of A Concert Choir and Madrigal Singers, X-Mas Concert, Leonard Ratzlaff - director, Con-Hall, Old Arts Bldg. 8:00 pm.

U of A Pre-Vet Club: Car Rally: everyone welcome! 1st prize Texas Mickey! Sign up sheet and details on AgFor bulletin board, 2nd flr. AgFor bldg. Sign up by Wednesday.

Edmonton Chinese Christian Fellowship: short talks on prayer given

by fellowship members. Everyone is welcome. SUB Meditation Rm.

DECEMBER 4
 Lutheran Campus Ministry: 10:30 am worship on the Second Sunday in Advent in Newman Ctre., of St. Joseph's College.

Christian Reformed Chaplaincy: welcome for weekly worship, 10:30 am. in Meditation Rm. SUB 158A.

Dept. of Music Concerts&Special Events: U of A Concert Band, Ernest Dalwood, conductor; 3 pm. Con-Hall, Old Arts Bldg.

Dept. of Music&Special Events: Duo-Recital, violin, Lawrence Fisher and Kimberly Fisher, 8:00 pm., Con-Hall, Old Arts Bldg.

DECEMBER 5
 Dept. of Music Concerts&Special Events: Part I of Lecture by Prof. H. Brauss, Piano Sonata, Op.2, F# Minor of Johannes Brahms, 4 pm., Rm. 1-29 Fine Arts Bldg.

DECEMBER 6
 Dept. of Music Concerts&Special Events: Part II Lecture by Prof. Brauss, Piano Sonata, Op.2, F# Minor of Johannes Brahms, 4 pm., Rm. 1-29 Fine Arts Bldg.

U of A Group for Nuclear Disarmament: media monitoring group working session. All interested in news clipping, etc., invited. SUB 280, 7:30 pm.

M.S.S.A.: Oriental Craft sale, great for last minute x'mas shopping. 12 - 4 pm. Students' Council: meeting 7 pm. Council Chambers, Univ. Hall. All interested welcome to observe proceedings.

Lutheran Student Movement: 7 pm. film about Thomas Merton, "Monk on the Run" will be shown in SUB 158A. All are welcome.

DECEMBER 7
 M.S.S.A.: Oriental craft sale. Great for last minute X'mas shopping. 12 - 4 pm.

U of A Women's Ctre: film & speakers "Why Men Rape" Wendy Birk - Sexual Assault Ctre., Len Hudyma - Edm. Police Dept. 7-10 pm. Tory B87.

Lutheran Campus Ministry: Noon Hour Bible Study on "Revelation" concludes. Watch for a new topic next term.

GENERAL

U of A Tae Kwon-Do: presents Slash&The Bleeding Hearts, Fri. Dec. 9 7 pm. Dinwoodie - Last day of class bash!!

classifieds for sale

Male ticket Tor/Mtl Dec. 21 cheap 439-4121 Jamie.

For sale, one-way ticket, Vancouver to Tokyo Dec. 23. \$350. Phone Brian 433-9608.

Must sell return air ticket to Victoria, Dec. 7 - Dec. 14 Best Offer 439-9568.

For up to 80% off designer overstocks & samples, visit Morie's Women's Wear - HUB Mall.

10,000 different original movie posters. Catalogue \$2.00. Mnemonics Ltd., Dept "Y" #9, 3600 21 St. N.E., Calgary, Alta. T2E 6V6.

Dynavector 23 R Ruby mc-mint: \$150. Lee 432-9245.

Must Sell: Coffee and end tables, wall unit, dining room suite, dinette, sofa and chair, hide-a-bed and chair, variety of wicker and rattan, occasional chairs. Dishwasher, refrigerator, stove, apartment washer, dryer and stand, freezer, automatic washer, dryer. Bedroom suite, extra dresser and mirror, extra chest of drawers, single, double, or queen bed with or without frame and headboards. Lamps, sewing machine, 20" portable color T.V., 26" color floor console T.V. Call 438-3005.

New and Used wholesale furniture, appliances, and T.V.'s at liquidation prices. "Turning Hard Time Into Great Deals" Model Home Furnishers, open 7 days a week. Call 461-6254.

services

University English instructor will tutor, proofread, edit. Call evenings 973-3198 (local).

FARMER'S Market; every Saturday. 10 am - 2 pm in Hub Mall, Fresh flowers, vegetables, eggs, honey, jams, pickles, baked goods.

Quality Typing \$1.10/pg. double spaced. Phone Carol eves. 462-2384.

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Do your own typing on our Word Processors, \$5.00/hr. Features include instant revision and updating. Letter quality (daisy wheel) printers. Limited training available (easy to learn). For info. call U of A Printing Services 432-3754 8:00 - 16:00 Mon. - Fri.

Typing \$1.25/page. Gerri 468-3937 or Marion 469-5698. No calls after 9 pm.

Can do your typing. 489-5023.

Good quality typing at recession rates. Interested? Phone 483-5212.

Typing, North-east area. IBM Selectric. \$1.00/page. Terry 477-7453.

Call Chris for accurate proof-read typing. Campus contact. 466-2615.

Typing Term Papers, etc. 469-5762 after 1 pm.

Fast, experienced typist to do typing in my home. Call 436-6504.

Will type for students. \$1.00 per page. Call 473-4404 anytime.

Experienced typist. Near Londonderry. Reasonable rates. 475-4309. Lynn's typing, reasonable rates, Millwoods area, 461-1698.

Typing: prompt, efficient service. IBM Selectric. All work proof read. Phone Mrs. Theander, 465-2612.

Writing help, proofreading, editing, Gerry 436-5489, 436-2488.

Professional Typist - word processing. 24 hour turn-around service MOST papers. Gwen 467-9064.

Terry's Typing - whatever you need, we type and deliver! 478-2150.

Fast accurate typing Westmount area 454-1246.

Writing Help! Proofreading, editing, etc. Call Sue: 433-2119.

Professional word processing service. Excellent print quality. Brenda 459-7132 after 3 pm.

wanted

Rhythm guitarist forming rock band. Beatles, etc. Prefer bassist, lead who sing, drummer with practice space. Jay, evngs. 489-3191.

Wanted: Fr. speaking Homework Supervisor/some tutoring math, science. Gr. 7 Fr. bilingual program. Must be Supportive, patient but Firm. Time 4-5 PM 4 times weekly. Own transportation. Call 452-0270 after 8 PM.

Parents seeking childloving person to care for their year old son. 4 1/2 days per week in our home near University. Have friendly dog. References. Phone 435-8209 evenings or weekends.

Child care for two infants, afternoons in Garneau home. References. 433-7065.

Earn extra cash! Fleet owner with Co-op taxi wants clean conscientious drivers 486-4639.

personal

3 bdrm. main floor with garage \$450/mo. 433-9638.

Shared accommodation: Condo, fireplace, washer/dryer, car plug-in. Must be female non-smoker. Available Dec. 1 or Jan. 1. Rent: \$250.00/month - utilities/phone included. 434-8903.

Win: Side of Beef! Ticket sales in CAB Dec. 5 - 9. Only \$1.

Bumps Ski Club: ski Schweitzer Dec. 26 - Jan. 1. From \$165.00 (Quad) Call Terry 476-4086 evenings.

Reward for the return of lost ladies Seiko gold watch. Call Judy 487-2713.

For rent: furnished basement suite close to U of A (83 Ave/101 St), \$195.00/month. Phone 433-4987.

Lost gold ring with initials SKL. Finder pls phone 439-3163.

Looking for Christian Fellowship? Visit Knox Church at 8405 104 St. Sunday celebrations 11 and 6. 432-7220.

Help!! We can. Tutors, typists, info, someone to talk to - drop by/phone STUDENT HELP Rm. 250 SUB 432-4266.

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