



THIS WEDNESDAY WORTH

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THIS WEDNESDAY WORTH

\$150,000



Tickets available at the SAC Information Booth.

THE LINK

Volume 21, Number 11

November 12, 1986

Mixed reaction to Cabinet shuffle

By Charlie Smith

The BCIT community had a mixed reaction to last Thursday's cabinet shuffle, which saw Russ Fraser demoted to the backbench and newcomer Stan Hagen (MLA-Comox) appointed minister of Continuing Education and Job Training.

Fraser's ministry only included post-secondary institutions but Hagen's responsibilities also include job training.

Roy Murray, BCIT president, was pleased with the creation of the new ministry. He said most provinces combine job training with post-secondary education and Victoria's move will eliminate some bureaucratic obstacles to funding. Murray said in the past, money for job training came from the ministry of Labour, whereas education funding came from Fraser's old ministry.

But Murray expressed concern over the rapid turnover of minister's overseeing BCIT.

"I had no problems dealing with Russ Fraser, I'm just sorry we're into our third ministry in such a brief time," he said. Murray added Fraser was finally adjusting to the job after almost a year, and then he was shuffled out.

Murray said he has some worries to express to Hagen when they meet on Thursday. A major worry, says Murray, is BCIT's deficit.

"The first thing we'll tell him is we're in a disastrous situation with finances... there's an inadequate capital replacement program which should be tied to the value of your capital," Murray said.

The president added there is not enough space at BCIT, especially in the trades area.

"The system has been dealt with very poorly in the past few years with the cuts and I hope this government has the foresight to see that dollars put into education are investments in the future, not just expenditures to the taxpayer," Murray said.

Peter Jones, vice president Student Services, was optimistic about the government merging job training with continuing education.

"My initial impression is it will make life easier," he said. Jones added BCIT had no problems with Russ Fraser, and he anticipates no problems with Hagen.

But the departure of Fraser was welcomed by one student executive member.

"Thank God," said Ray Richard, Sports chairperson. Richard said he was offended by Fraser's remark during the campaign that students who can't afford their education should consider putting it off.

However, vice president Student Affairs Pat Carol said that after listening to Fraser's speech at the Alumni Breakfast (November 3) he thinks Fraser's remarks "may have been taken out of context".

S.A. president Grant Sidnick said he was "sorry to see him lose his position, but he might have lost it on his comments".

Michael Stepler, president of the Staff Society, which represents faculty and technical staff on campus, had no reaction to Fraser's exit. But he was concerned about the turnover of ministers responsible for BCIT.

"Everyone would like to see some stability within the system," Stepler said.

But not at BCIT South Africa boycott an issue at UBC

By Charlie Smith and Bruce Claggett

Between January 28 and 30, the U.B.C. A.M.S. will hold a referendum on banning products of companies with economic ties to South Africa. If passed, the ban will directly prohibit sales of Carling O'Keefe and Rothman's products.

Currently, the companies' products are sold at U.B.C. Some groups refrain from offering the items at their functions.

At BCIT, there appears to be little interest in divestment. Despite a visit from

local M.P. Svend Robinson where he urged students take a leading role in opposing apartheid, BCIT students have, for the most part, ignored the issue.

"No real life student has come up and asked us to do anything at all about it," said Grant Sidnick, S.A. president. He added he often answers questions from broadcast journalism students about divestment. Sidnick said he will not promote any boycott until students begin letting him know they favor such a policy.



Russ Fraser presented Regional Entrance Awards during the Alumni Breakfast on November 3. Shown here receiving an award is first year Medical Radiography student Lisa Webster from Vancouver Island.

Campus Centre fundraiser hired

By Charlie Smith

The Campus Centre committee decided to reject the Sentinel Group in favour of Nuala Woodham as the Campus Centre fundraiser.

Troy Nagy, Campus Centre expediter, said the details of her contract have not been finalized. He did say she will work on a salary supplemented by performance clauses.

Nagy said Woodham's presentation was what persuaded the committee to hire her. The expediter added that Woodham's track record as a fundraiser for the Vancouver Opera Society, Vancouver General Hospital and the Arts, Science and Technology Centre downtown has proven her ability in the field.

Woodham will start with a feasibility study. Her firm's study was offered to the committee for \$1500 less than the Sentinel Group's, even though, according to Nagy, it was based on the same time frame.

Woodham plans to raise \$1 million. The Sentinel Group told the committee it would try for \$2.5 million.

"The committee felt that (dollar figure) might conflict with future efforts from the Development Office," said Nagy. He added while the Sentinel Group is very high profile, it might have taken more dollars out of the system, leaving other campus fundraising groups bereft of support.

Nagy said the Woodham proposal calls for active student participation. Nagy said he is considering asking the administration to grant some

course credit to marketing students involved in fundraising for the Campus Centre. Marketing department head Randy Vandermark was away at press time and could not be reached for comment on this matter.

One area of concern to Nagy is lower enrollment at BCIT. With declining numbers, there is less money coming in for the building fund.

"At 4200 students, the building fund receives \$63,000. But now the enrollment has dropped to 3548 (south campus) students, meaning only \$53,220 will be generated from the building fund portion of the student activity fee," said Nagy.

"All things considered, it is coming along well," Nagy added.

Nagy said he submitted four new funding options to the government. He noted that with local MLA Elwood Veitch lobbying the Lotteries Corporation, there should be no problems raising the funds.

But the expediter admits there is a possibility the building may have to be scaled down if the revenue is not raised. He said the first thing to be phased out under such circumstances would be the central retail units, like a travel agency and a barber shop.

"Nothing is etched in stone," said Nagy. He mentioned the committee also decided to incorporate an amphitheatre into the building to accommodate guest speakers.

BCIT numbers down over last year

By Charlie Smith

BCIT's full-time south campus enrollment is down compared to this time last year and it is having an impact on some businesses.

Last year at this time, there were 4,070 full-time students on the south campus, with 294 part-time day students. This year, there are only 3,550 full-time day students, but part-time day school enrollment has ballooned to 615.

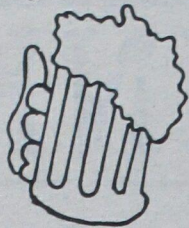
These figures are not necessarily due to declining community interest in attending BCIT. After the merger, some programs were farmed

out to community colleges while others were added. Nevertheless, Dr. Peter Jones, vice president of Student Services, announced at a September 29 SA council meeting that BCIT was receiving fewer applications for admission. At that time, Jones said enrollment remained stable.

Almost every school on the south campus recorded an enrollment drop. Mario Mazziotti, BCIT registrar, said there was a 16 per cent reduction in the number of students accepted into sets

Continued on page 6

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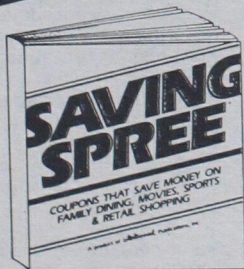
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THE LINK

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SAC INFO BOOTH

WHAT'S ON AT A GLANCE

Listings in this section of the Link are free to campus groups sponsoring events and activities. Items for publication must be submitted in writing no later than noon Monday. The Link office is located just inside the East entrance to the SAC.

Free video games

The Student Association presets free video games in the SAC from noon to 2 p.m. on Wednesday November 19th. One day only, so mark it on your calendar righnow before you forget!



Buster Keaton Film Festival

Runs Nov. 17, 18, 24, 25 and Dec 1 at the Vancouver East Cinema, 7th Avenue and Commercial Drive. 10 features and 21 shorts will be shown over five nights. Films date from the 1920's although these are restored 35 mm prints. Double bill admission or \$15 series pass. Call 253-5455 for more information.

Canadians at Everest

SFU Outdoor Recreation presents Everest '86: A Canadian Triumph, an account of the successful Canadian ascent of the West Ridge of Mt. Everest. Slides and narration by Albi Sole. It takes place in the Images Theatre, SFU, at 7:30 p.m. on Monday Nov. 17. Tickets are \$3.50 at the door. For information call 291-4434.

Growing up in the Nuclear Age

A two day event featuring educator Annette Bain of San Jose, California. Bain will give a free lecture on Friday November 14 at 7:30 p.m. at Langara College. On Saturday November 15 Bain will host a workshop at Langara College, 9:30 a.m. to 3:00 p.m. \$15 covers lunch and materials. The purpose of the lecture and workshop is "to help adults see that taking action is absolutely necessary if we are to give kids back their childhood". Call 255-0472 for more information.

Rock against apartheid

Special concert on Friday November 14th featuring D.O.A., 54-40, Death Sentence and special guests-Randy Bachman and Denise McCann. Proceeds to OXFAM Canada in aid of anti-apartheid programs in South Africa. At the Commodore Ballroom, tickets VTC/CBO.

Exhibit and sale of paintings

The Burnaby Artists Guild runs it's 17th annual Fall exhibit and sale of paintings on Friday November 21 7 to 10 p.m., Saturday November 22nd from 2 to 7 p.m. and Sunday November 23rd from 10 a.m. to 7 p.m. Show takes place at the Burnaby Arts Centre, 6450 Gilpin, near the Burnaby Municipal Hall.

Christmas Bazaar

The annual Woodlands Christmas Bazaar is Thursday November 20th from 6:30 to 9 p.m. A variety of crafts, baked goods and other items will be on sale. Free parking. At 9 East Columbia Street in New Westminster.

Issues for Women in the 1980's

The Society for Canadian Women in Science and Technology presents 'Adaptive Changes of Women's Physiology' with speaker Dr. Jerilynn Prior on November 24. Part of a dinner meeting at the Sheraton Plaza 500. Cost \$21, dinner at 6:30, speaker at 7:30 p.m.

Theatre Ballet of Canada

Three performances at the Vancouver East Cultural Centre, 1895 Venables at Victoria Drive. November 13 - 15, 8 p.m. nightly. Canada's foremost chamber ballet company. Call 254-9578 for more information.

Letters to an Unknown Lover

The Canadian premiere of this film from the director of 'Experience Preferred, But Not Essential'. At the Ridge Theatre, 16th and Arbutus November 7 - 13th. Call 738-6311 for details.

Pink Floyd Skylights

Back by popular demand, this shows features the music of Pink Floyd set against spectacular laser imagery and special effects at the H.R. MacMillan Planetarium, 1100 Chestnut Street, telephone 736-4431.

Craft Fair

11th annual craft fair at the Unitarian Church, 49th and Oak on Saturday November 29, from 11 a.m. to 4 p.m. Juried work from 40 B.C. artisans featuring weaving, pottery, jewellery, glass and other handicrafts.

FM Student Radio production

CITR-FM and CJIV-FM present Rhythm & Noise with special guest Trail at the Luv-A-Fair Cabaret, 1275 Seymour Street on Thursday November 13th. Vancouver debut for 'artlaws' Rhythm & Noise. Tickets at the door, call 685-3288 for details.

Library Sponsored Noon-time Seminar on Software Piracy

With Guest Speaker Dave Nicol from AMBRES International, a research consulting company dealing with computer hardware and software. He is also President of SIDA (Software Industry Development Association)

November 13, 1986
11:30 a.m. to 12:30 p.m.
Room 126 - 1A Building

All students and staff are invited!

Executive tables audit for two weeks

Link Staff Report

The S.A. executive tabled the Association's audit for two weeks after some members complained they were not given any information and then asked to vote whether to accept it.

"We're tired of hearing things a couple of weeks after they happen," said Terry Gaetz, health society chairperson.

Steve Neil, business society chairperson, described the findings of the independent audit of the S.A. finances. Neil said the current assets versus the current liabilities is not healthy.

"A bank likes a two to one ratio. Right now we would have difficulty convincing a bank to give us a loan," said Neil.

The S.A. audit covers the year ending on June 30, 1986. Andrea Bartlett, S.A. v.p. administration and finance, said the auditor found a \$67,634 shortage, although some S.A. employees say the shortage exists only on paper.

In other executive news,

Peter Jones, vice president of Student Services, praised the executive, urged students to pitch in to help clean up the institute, and lambasted the Link.

Jones said the institute and the S.A. will combine on a venture to sell computers in a proposed store across from the library. Jones also explained the significance of the strategic planning exercise, which saw the board of governors, top administrators, and student representative Steve Neil travel to Whistler for a weekend of discussion.

Jones said the group emerged from the meetings with a "statement of mission". He called the philosophical guidelines almost a motherhood statement for the institute.

Jones said the next task is to expand on the general principles outlined in the statement and add specific goals (for example, to clarify an objective to have 90 per cent of graduates employed in the field in which they trained after six months out of

school).

Jones followed this by asking the executive to urge the student body to spend a week in January to help clean the institute. Jones said he would make the same request to Staff Society and B.C.G.E.U. members.

"What we need is a real blitz to get the place cleaned up," he said. Jones also informed the S.A. executive the institute changed the janitorial service because the first company was not doing the job properly. He said BCIT granted the new contract to the fourth lowest bidder because it has a proven track record.

Jones ended his visit by criticizing the Link for being obsessed with Challenge 86, and said he decided to go public and write a letter to the paper.

The executive debated the fate of the free phones in the SAC after another incident of vandalism this week. The executive decided to wait until the next meeting to vote on whether to move or abandon the free phones...Ray Richard, sports chairperson, concluded the meeting by announcing last Saturday's smashing Cougar hockey victory. Richard said BCIT defeated a squad from Royal Roads 21-1. Richard later said the Royal Roads squad is capable of playing much better hockey.

Sidnick opposes reinstatement

Link Staff Report

Last week, the S.A. council overruled the executive and overwhelmingly voted in favor of rescinding a motion which would have stripped Steve Neil, business society chairperson, of half his honorarium.

Grant Sidnick, S.A. president, was absent from the meeting due to illness. This week, he said he remained opposed to allowing Neil a

dispensation because of an exam.

"I'm not pleased he had it returned and the way it was returned," said Sidnick.

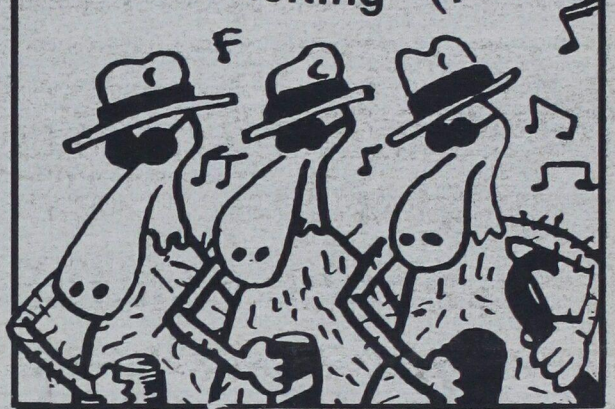
Sidnick also said he was dismayed the council debated over whether to accept his absence last Monday. Cheryl MacNaughton, v.p. P.R. and Marketing, said she is willing to provide a medical certificate to anyone asking about her absence.

Stay Tuned to Taps!

Lots Coming Up!

- Ladies Nite
- Grey Cup
- Talent Nite
- And Yes!

The Famous Taps Moose will soon be visiting (???)



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WRITE A LETTER TO THE LINK!

Excuse us, Dr. Jones

From the lofty tower that casts a long shadow over the Student Association, BCIT's vice president of Student Services, Dr. Peter Jones, says the Link is obsessed with the Challenge '86 issue.

Is it true? Does the Link have the fixation he claims? Let's look at the facts.

Two weeks ago the Link ran one story on the Challenge issue, regarding the S.A. decision not to repay the federal government for one position, as had been 'recommended' by Dr. Jones.

That, we thought, was that. However, this didn't suit the institute. Dr. Jones met with the executive in a closed door emergency meeting. The outcome was another reversal by the executive. Now they would repay the position. However, the fact that members who worked under the program voted on whether the repayment should come out of S.A. funds generated confusion over conflict of interest guidelines. The decision also upset the Trades council. The meeting and decision warranted a 'mention' in three stories, the conflict of interest issue

warranted a story and an editorial.

Again, we thought that was that. We didn't have anything more to report on the whole fiasco.

With respect to your request for the Link to show ethical considerations, perhaps, Dr. Jones, you should consider your own behavior in the long running episode. Why were the Challenge '86 coordinators not advised of the specifics of your investigation into the S.A. Challenge '86 controversy until the Link contacted them?

As far as getting the basic facts correct, surely you can search through Link back issues and come up with something more substantial than getting your title wrong once this term. When leveling such a serious charge, perhaps you could give the targets some courtesy and cite something we can take seriously.

In closing, Dr. Jones, we think the Link does a damn fine job of covering campus issues and activities. Your scurrilous charges are so flimsy we can do little more than laugh.

Work available

The following jobs are just a few of many available through the EAC, 4th floor, 39 Inglis Building, Business Resource Centre.

Three - part-time Bakers: various hours Saturday and Sunday; \$5 per hour, North Van and Burnaby locations; must be currently taking baking course or have baking experience.

One apprentice Cooks day and evening shifts; \$7.50 - \$9.50 per hour, Vancouver location; must have completed cook training program.

Three - part-time Labourers: Saturdays up to year end; \$10.00 per hour, North Burnaby location; aptitude for working with tools; job involves cleaning large process equipment and may include work in a dusty environment.

Ten - part-time warehouse: Wednesday & Friday; 9:45 - 9:00 AM; \$21.00 per shift of 3 hours distributing boxes of flowers and plants to wagons inside building; willing to train; does not involve heavy lifting.

Thirteen - full-time Benchwork & Joinery: evening and day shift; Salary D.O.E. and determined by production located in Abbotsford; company manufactures dining room furniture.

One - full-time Machinist / Tool & Dye Maker: 40 hours per week; \$9 per hour plus incentive bonuses, Comox location; Duties - wire form products, punch stamp processing, metal lathe milling machine; company produces plastic, wire and stainless steel sign and frame holders; excellent career opportunity.

Ten - part-time Waiter/Waitress: flexible hours, varied shifts; \$4.25 per hour to start, located on Kingsway, near Imperial; willing to train, must be available evenings and weekends.

Two - part-time Sales Clerk/Cashier: flexible hours, 10 - 30 hours per week; \$4.65 per hour, located on Kingsway, near Knight; Some retail of public relations skills.

One - Horticultural/Salesperson: 08:00 - 16:30, salary negotiable, Surrey location; Duties - knowledge or interest in bedding and pot plants.

Two - part-time Bakers: various hours Saturday and Sunday; \$5 per hour, Burnaby locations; must be currently taking baking course or have baking experience.

If you are interested in any of the above positions, we would like to find out about other jobs available, please come and see us, or call 438-1343.

LAST CHANCE!

To get your name and number in the 1986-87 BCIT Student Directory
Final Deadline:
Friday Nov. 14, 2 p.m.
For information contact
Don Wright, publisher at
434-5734 local 5517

LETTERS

The Link is obsessed...

Editor, The Link,

The issue of Challenge 86 grants seems to have become an obsession with Link reporters. Your edition of November 5th contains no fewer than five articles with a mention of this issue - three of them on the front page.

I write in the hope that we can put this issue to bed once and for all. Here are the facts:

1. I learned in September that not all hours signed off for Challenge 86 grants during the summer months were worked as noted. Since this is not BCIT, but taxpayers money, I decided to investigate, and notified the Student Association Executive of my intentions.
2. In the course of my investigation I interviewed all those under suspicion as well as many others. Everyone, including the Executive were very cooperative and open regarding what had happened.
3. My report, handed to the SA Council on September 29th, found that indeed not all hours had been worked exactly as stated on time-sheets. This was true only of the three positions assigned to Executive members. The reason for this seems to have been extremely poor communication regarding how hours should have been worked and signed off. Specifically, there seems to have been a sense that as long as hours were put in for the Student Association, then whether they were worked on the Challenge project was not important.
4. I feel very strongly that Challenge 86 grants were a contractual obligation, and since prerequisite hours were not worked on the projects, then funds should be repaid. I freely admit that all three executive members worked many hours on Student Association projects - but that was not the object of my investigation.
5. Most importantly, I made recommendations on how the situation could be avoided in future years. These recommendations were accepted unanimously by the Executive. After some discussion it was agreed that funds equivalent to one position should be paid back. This has

taken place.

6. The only question that remains is from where the paid-back funds should come. This is a matter for this Student Association to decide, I have therefore, to this point, refused to get involved.

However, in light of the continuing debate, I want to say that it is, and has always been, my position that the error occurred not as a result of individual negligence, but rather as a result of poor organizational control. Therefore, it seems appropriate that the Student Association, and not individual executive members, bear major responsibility for the payback. In future, BCIT will police Challenge 86 hours through its own staff - Jim Mitchell has agreed to do this - and the problem will not recur.

Now that the matter of Challenge 86 is - hopefully - out of the way, there remains the question of why the Link seems consistently to ignore the constructive work being done by the Student Association Council and Executive, while indulging in such 'yellow' headlines as SA UNDER BCIT INVESTIGATION, giving the impression of a major crisis in confidence rather than an attempt to deal with a specific issue.

This approach is not helped by an inability to get basic facts correct - for example - I am referred to as the Vice President, Administration on the front page of the November 5th edition. The effect is to provide students with an impression of student association executive and council in which BCIT has no confidence. The very opposite is true.

We have been delighted by the creative and cooperative approach to problems shown by the Student Association. The Employment Action Centre is just one concrete example of what this kind of partnership can do for students. The Campus Centre project could not have happened without trust and confidence between the SA and BCIT administration. Other projects, including a joint venture that will provide inexpensive computers to students and staff, will shortly become reality.

Any one of these projects is of more long-term significance to students than the events of last summer.

This letter is, then, my personal

vote of confidence in the Student Association Executive and its ability to work with the administration in the best interests of all BCIT students.

It is also a plea to the Link to live up to the standards of ethical journalism and give (at least) equal time to the constructive creative things that are being accomplished.

Sincerely,
Peter Jones
Vice President Student Services and Educational Support

Filthy conditions

Editor, The Link,

The general physical environment at BCIT is an absolute disgrace and all those involved should hang their heads in shame. BCIT must be the dirtiest school in the Province of B.C. Having been at BCIT since 1964 I well recall the spotless conditions that were the norm, while things have deteriorated over the years the decline in conditions has accelerated this year to the state where it has become intolerable.

Anyone who walks around can see with their own eyes the problem and the contrast with the average elementary school, high school, college or university is invariably unfavourable. It is fashionable to blame students but that of course is just an excuse - the students at BCIT are, in my experience, clean, neat and tidy and not the litter louts some would have us believe. Moreover students cannot be held responsible for such matters as:

1. Rat infested classrooms. My colleague was teaching in 1A 170 when a large rat appeared in front of the startled class. As a farm boy I can assure you if you see one rat there are fifty rats unseen.
2. Broken and dilapidated furniture. The classroom furniture is frequently broken and remains so for weeks on end.
3. Smelly filthy washrooms. I was interested to read that one senior administrator was involved in a seminar on sexual harassment. Big deal. In 22 years at BCIT the only sexual harassment I have heard of involved an administrator and his secretary. The concern should be nostril harassment in the washrooms where incidentally the towels are often not replaced and flooding regularly occurs. The health department had better not come and have a look.
4. Lecture theatres that are ill lit and littered with excess furniture that frequently blocks the fire exits - go to 1A 129 if you do not believe me. If the health department does not come let us hope the fire department does not come either.

The list of ills is endless and the students are not to blame. Who then is to blame?
1. The faculty. They have been apathetic and put up with the second rate conditions they have to work with for too long. Chalkboards not clean-

Continued on page 5

THE LINK

The Link is published by the BCIT Student Association, although the views presented within do not necessarily reflect the views of either the Student Association or BCIT.

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434-5734 local 5517

Don Wright, publisher

Maple Ridge to get Douglas College

Link Staff Report

Last September BCIT formally closed its Maple Ridge campus, ending the availability of vocational training in that area. Since then, the government has announced approval of a new regional campus for Douglas College, to be located in Maple Ridge. Plans call for the leasing of over 11,000 square feet of space, the spending of \$50,000 on renovations and \$141,700 for purchase of equipment.

The new centre will offer a range of programs including Basic Adult Education, English as a Second

Language, Academic Transfer, Continuing Education, as well as the Office Administration program previously offered at the Maple Ridge campus of BCIT,

Austin Pelton, MLA for the area, made the announcement. "The acquisition of a modern leased facility will enable the College to consolidate its existing services in the community and provide additional capacity for delivery of an expanded range of programs," said Pelton. The announcement was made October 10.

Letter from page 4

ed, chalk not provided, overhead projectors inadequately cleaned and not provided with acetate rolls. The faculty should protest strongly to the people they know who can do something.

2. The administration. The faculty can only protest and thus cannot shoulder the main responsibility. Are the administrators concerned with conditions. You bet they are. The senior administration has recently had all their offices re-done at vast cost. No rats intrude in the presidential suite. The 1A and 2N buildings are being turned upside down during the school year. Excellent classrooms are being renovated to make pleasant offices for the administration - the peasants (faculty and students) can make do with trailers. Incidentally I was teaching in a trailer the other day when it sprang a leak.

No, the administration do not seem to care and alas such an attitude is contagious. Voltaire said "Accustom yourself to chains and you condition your limbs to wear them". Likewise you become accustomed to filthy conditions and generally low standards and inevitably you become a low standard person yourself. My night school

class two years ago contained a high calibre student. She told me "Mr. Wooley I am not taking any more night classes here, I do not enjoy coming to this campus, the graffiti on the walls upset me and the general housekeeping is poor, can't you do something about it?" To my discredit I did nothing. No one likes to be a protester, I tell my students "keep smiling". But one cannot forever overlook things and still have any conscience left.

What must be done? The people who make decisions must get involved. Jim Pattison walked across the Expo site from one end to the other every day the fair was open. All I hear is of senior administrators flying to Asia, Africa and Europe. Are they looking at new designs for rat traps over there? No, they are boosting their egos and feeling very important. Come on guys help us do a good job. Make BCIT something we can be proud of - or quit. Mission statements, retreats at Whistler, pompous statements about "pursuit of excellence" are not what counts. Cleanliness is next to godliness.

Yours truly
Peter Woolley
Faculty member



Halloween fun at the Campus Cafe.

Dip & Dunk...

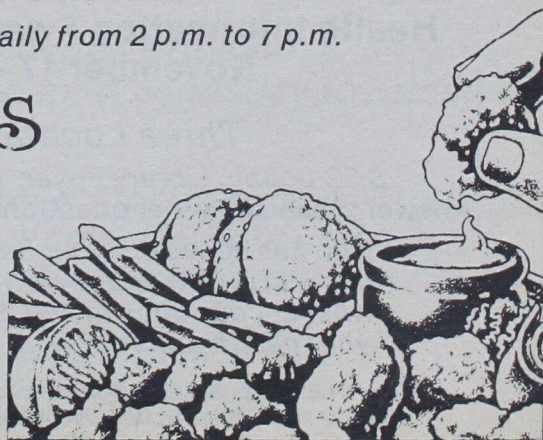
Dive into a plate of golden fried shrimp fingers or chicken nuggets for your afternoon snack. Served with golden french fries and your choice of sauces: tartare, cocktail or barbecue. *So dip in!*

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Served daily from 2 p.m. to 7 p.m.

Campus Café

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READ THE LINK!

SIDA reprint

Last week I was called to assist a client with a problem that had occurred with a file on his accounting system. After discussing with him the details of how the error had taken place, it was determined that the best way to correct the data was to use Wordstar to edit the data and make the necessary changes.

The next day, I arrived at the office to discuss, with the client, which version of Wordstar would be most useful to him for future use as a wordprocessor. I wanted to arrange to get the program and install it. They announced that they already had a copy of Wordstar. When I inquired about this copy of Wordstar, they explained that a temporary employee they had hired to assist with the installation of the computer was also a student at one of the local colleges. She was taking a course on wordprocessing. At the college each of the students copied a version of Wordstar to use for their course. She had then made her copy available to this company.

About a month ago, while visiting another client, he announced that someone he knew had given him a copy of the Bedford Accounting System and he was considering it for use for their company. This would be a much cheaper way to go, he explained, than to purchase my services to install an accounting system for them. I spent the next hour-and-a-half explaining the benefits of my support and why it was wrong to have an unauthorized copy of a software package.

These are not my first exposures to software piracy and are likely not the last but these incidents have led me to want to take some action to make computer users more aware of the issue of copyright infringements.

Actually, this is a change of attitude for me on the issue of copyright. In my previous position as Product Development Manager for a fairly comprehensive vertical market software system, I felt copyright was not a significant problem. A copy of a vertical package would require both additional manuals plus installation support and also ongoing support and upgrades. All of the support offered by the manufacturer made it much less attractive to make illegal copies. This, I felt was a sufficient deterrent.

In my discussions with others in the software community, I find that each of us has an opinion on how to deal with copying of software and the only thing that is common about the opinions is that they are all different. There seems to be a lot of attempts made to combat the problem but I feel most of the attempts have either not worked or have caused more problems.

The current copyright laws, as I understand them, do not address software very well and have been adapted from previous copyright legislation which covered books and music recordings. The penalties for violations of these copyright laws, if one could get a conviction, are minimal.

Licence agreements are now common place in the sale of mass distribution software products. These licence agreements are an attempt by the manufacturer or publisher of a software package to shore up the inadequacies of the copyright legislation and may not be enforceable.

Another method commonly used to protect the manufacturer from illegal duplication, is copy protection. This method often makes the use of the software more difficult and in some cases causes people to buy other products rather than deal with the copy protection devices.

As an organization of software developers, we should take a firm stand on the issue of copying software. As a representative body we can make legislators more aware of the problems and make recommendations to have copyright laws amended to provide better protection. At this time there is no political motivation to change copyright laws. The incidents like I described earlier do not get the press that other issues might. As the chairman of S.I.D.A. in Vancouver, I will be pushing for more press on this issue and I am also considering a S.I.D.A. legal test of the copyright law. This would be an example that shows our intention to better protect software developers from the loss in revenue caused by the illegal copying of software programs.

If you have any ideas or opinions on this subject, please contact me through Ambrex International at 438-9333.

Dave Nicol
Chairman
S.I.D.A. Vancouver

From page 1

this year, accounting for much of the decline. The School of Management, for instance, had a drop in capacity of 112 students.

On the trades side, Mazziotti said 22 programs were suspended since April 1. Part-time enrollment in Continuing Education dropped by 5 per cent.

The Student Association's finances have suffered a setback due to the lower numbers. According to Phil Henderson, S.A. business manager, revenue from Growlies and the T.N.T. is down slightly. Henderson said Growlies lost some business to Duke's cookie and cappuccino bar, but the S.A. comes out ahead when Duke's \$750 monthly rent is collected.

"The pub is up, but the number 4 store (T.N.T.) in the Inglis Building is down," said Henderson. He added the executive will have to revise its budget downwards in light of the enrollment drop.

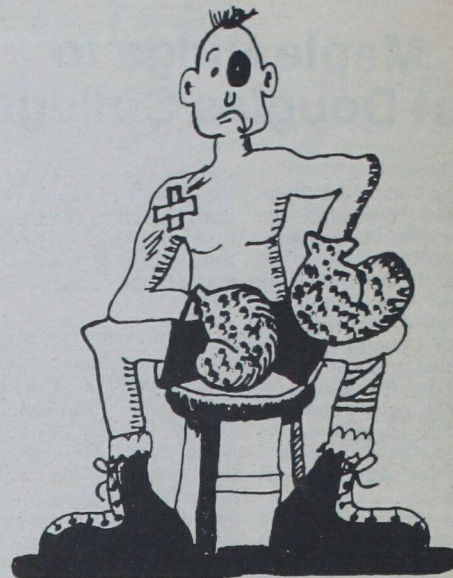
The S.A. received less money in student activity fees because there are fewer full-time day students on campus. BCIT recently transferred a \$44,000 cheque to the S.A. which came out of money the institute collected for activity fees.

Troy Nagy, campus centre expediter, said last week lower enrollment would reduce the amount of money he could collect by almost \$12,000.

At the Bank of Commerce, employee Jo-Anne Bartells said there were fewer student loans being processed and lineups are not as common as last year. At the same time, Bartells said the instant teller outside the bank has reduced traffic considerably.

But not all areas of the campus report a slowdown. Recreation and Athletics has shown a significant increase in the numbers of students involved in intramural sports. Ray Richard, sports chairperson, said almost one in four students now participates in campus athletics.

In the Campus Cafe Tony Spatzl, manager, said business has not slowed down. Ian Nash, bookstore manager, said his store is busier than expected. Nash added he has not laid off any employees.



Cuts and bruises

Bruises:

A bruise is bleeding under the skin following an injury, such as a hard blow. Initially using an ice bag for pain and elevating the area will limit the bleeding. The area may appear red at first, turning blue and finally to green and yellow as the blood is absorbed by the body. Bruises look ugly, especially as they change colours over the course of several days, but they rarely require any treatment.

Cuts, Scrapes, and Punctures:

To control bleeding, put a clean dressing on the cut and apply direct pressure to the wound. Elevating the wound area (raise it higher than your heart) and applying cold compresses also helps, but usually direct pressure will do the job. Do not suck or blow on any open wound because this contaminates it with bacteria.

To clean a small wound, wash it well with soap and

water. Cover it with a dry, sterile dressing like a bandaid or gauze. Use the nonstick variety of bandaid on scrapes. Change the dressing when you bathe or if it gets dirty or wet. A moist dressing is a haven for bacteria.

If the wound become red and swollen around the edges, feels warm, and begins to throb, it is infected. Apply hot compresses or soak in warm water for 20 minutes every three hours until you can get to Medical Services. The heat promotes circulation and will help control the infection.

Puncture wounds caused by sharp objects like nails, knives, wire, often do not bleed and the point of entry closes quickly. This is bad. Be sure to clean puncture wounds thoroughly - try to make the wound bleed.

With all wounds, check with Medical Services if you haven't had a tetanus booster in the past 10 years.

Courtesy Medical Services

Immunization Week: Nov 17-21

Medical Services is sponsoring an Immunization Week, November 17 to 21, 1986 - from 0800 hours to 1630 hours.

This special clinic is an opportunity for you to update your immunization - an opportunity to keep many infectious diseases in check. Immunization has virtually wiped out many diseases and considerably reduced the incidence of others.

Tetanus/Diphtheria - Booster required every 10 years.

Polio-oral Sabin-one dose, good for life.

Heptovax-B - Booster required after 5 years recommended for those in high risk areas obtained by prescription only costs approx. \$150.

German Measles/Rubella - If a pregnant woman comes into contact with German Measles (Rubella), particularly in the first three months of pregnancy, the fetus can be severely damaged. This is preventable. A simple blood test can determine if you ever had ever had German

Measles. If the test shows that you have not, then a vaccine for Rubella is available. All women in the child-bearing years should be aware of their Rubella status.

Roll up your sleeve - and protect yourself! November 17 to 21, 1986 - from 0830 hrs to 1630 hrs.

Benefit to aid orphans

Everyone is invited to a benefit folk and square dance on Friday November 14th at 7:30. This gala event will be held in the gymnasium at the Chaffy-Burke elementary school at the corner of Abbey and Sardis (by Willingdon and Burke) and is intended to raise funds in support of African orphans. For more information call David Craig at 438-0217.

Rides departing from the red mail box in front of the bank at 7:20!

Health Information Technology Presents Health Information Awareness Week November 17 - 21

Three Locations:

SAC Lobby, Library Foyer, 1A North Foyer
Answer these and other questions on confidentiality

- who has access to your health record?
- can you review your own health record?
- what access does the WCB have to your health records?

RAFFLE: first prize \$20 Bookstore gift certificate
second prize dictionary from the Bookstore

review



Tripping up the Stairs
Spirit of the West
Stoney Plain Records

Do you want a beer right about now? How about some good music? Alright, then head up to The Raven in Deep Cove or almost any other North Shore Pub and chances are you'll meet Spirit of the West and friends there. Have a couple of drinks and settle back for a good night. They might even lay some music on you -- like the songs from this great album.

So what happens when you put three excellent musicians into a recording studio to do whatever they want? You get "Tripping Up The Stairs" -- 10 well-crafted songs from a group that obviously cares about the musicianship and quality of an album. Add producer Paul Hyde (from Payolas fame) to get a good mix and some unusual instruments like a bodhran or bouzouki or even a mandolin. The rest of the time, the three guys that are Spirit of the West take their acoustic sound to the limit without any drums or amazing effects.

"The Mists of Crofton" is brilliant and "Be Right" is no less than amazing. If there was any justice in the commercial music biz, these three British Columbians would make many a fortune, but as it is, they probably won't even be played on the radio. Take a break from CFOX and give this album a listen.

Spirit of the West makes unconventional pop music. They take traditional Irish folk song influences and combine them with strong original compositions to produce a kind of Irish-Canadian folk-pop sound. But don't think that this is just another folkie band -- even my unfolkie and untraditional ears love this stuff. So go to A&B Sound or Zulu Records or wherever and pick up a copy of "Tripping Up The Stairs" while the prices are still good.

3rd Stage Boston

A&M Records

Boston, best known for their incredible debut album, have finally released their third record. Aptly titled *3rd Stage*, Tony Sholz (head Bostonian) and company really took their time with this one. Six years in the making, the new album is finally here.

There are a few reasons for the delay, not the least of which were legal battles that they had to endure. Boston became disenchanted with their now former lable, CBS, claiming the label was more interested in money than music. Even though they were still under contract to CBS they were not going to release the record for CBS. Finally, after about two years of fighting CBS, they got the troubles sorted out and are now recording for MCA.

Another slow up was Tom Sholz himself. Lead guitar

and producer for Boston, Sholz has been long known as the ultimate in perfectionists. He will not release any song until every note is perfect. This and his penchant for creating all the sounds without the aid of orchestral instruments or synthesizer make it extremely hard to get things just so.

This perfect sound is achieved, this record sounds great, but perfect sound isn't everything.

The highlights of the album are *We're Ready* and *Can'tcha Say*. These two are killers and the closest Boston comes to capturing the magic of their first album. Not quite on this level are *Amanda*, *Cool the Engines* and *HollyAnn*. By and large this record is good but it doesn't quite match the standards they've set for themselves, although this is a pretty tall order.

The rest of 3rd Stage, while not boring, is uninspiring, especially *My Destination* (A piano version of *Amanda*). With six years to prepare this record they could have been more creative than this. The best songs on this record were recorded three or more years ago. Maybe six years is too long to make an album.

Excellent vocals by Brad Delp and fine musicianship by all make 3rd Stage enjoyable enough, but it doesn't live up to the anticipation six years of waiting created.

- Raymond Dow

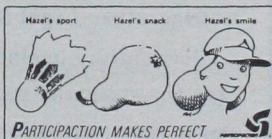


BOOK NOW!

Whistler Cabin

Starting Tuesday November 18
at 9 a.m. students can book
accommodation at the
Whistler Cabin.

A table will be set up near
the Recreation Office in the
Student Activity Centre



hot twenty

BCIT
broadcast
communications
3700 willington ave
burnaby, british columbia
canada v5c 3h2
(604) 434-5734
(604) 434-8776

W	TU	WED	TITLE	Artist
1	2	7	I'll Be Over You/	TOTO
2	9	5	Next Time I Fall/	CETERA/GRAFT
3	1	7	Throwing It All Away/	GENESIS
4	5	2	Love Will Conquer All/	LIORHEL RITCHIE
5	16	4	Human/	HUMAN LEAGUE
6	10	2	The Way It Is/	BRUCE HORNBLY & THE RANGE
7	4	7	True Colors/	CYNDI LAUPER
8	7	2	Sweet Love/	ANITA BAKER
9	-	3	True Blue/	MADONNA
10	6	4	Stuck With You/	HUEY LEWIS & THE NEWS
11	-	NEW	Emotion In Motion/	RICK OCASIO
12	8	7	A Matter Of Trust/	BILLY JOEL
13	-	NEW	Gold Mine/	POINTER SISTERS
14	18	3	Typical Male/	YENA TURNER
15	-	NEW	Girl Can't Help It/	JOHNNY
16	17	2	Hip To Be Square/	HUEY LEWIS & THE NEWS
17	-	NEW	Amanda/	BOSTON
18	3	5	I Am By Your Side/	COREY HART
19	-	NEW	They Don't Make Them Like They Used To/	KENNY ROGERS
20	-	NEW	Walk Like An Egyptian/	BANGLES

Music Director: Glenn Hamilton

Handmade Stone & Shell Jewelry On Sale Nov 12 - 14 In the SAC Lobby

Opposite Lotto booth
10 a.m. to 5 p.m. Wednesday to Friday

Semi-Precious Stones such as Tiger
Eyes, Lapis, Garnets and
Freshwater Pearls!

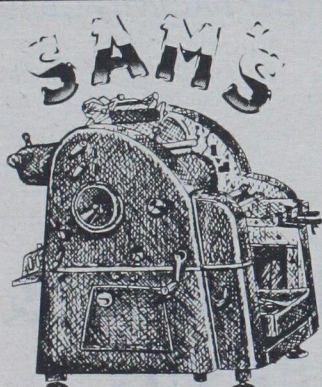
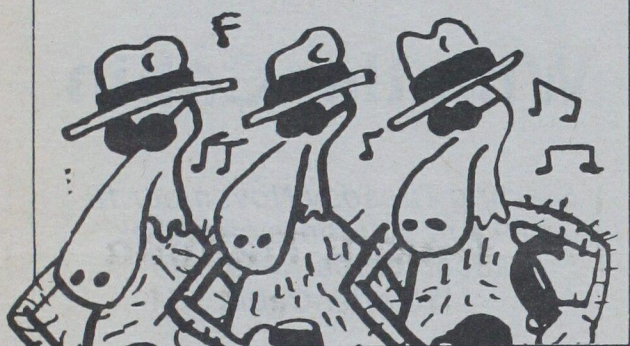
Earrings from \$3/Pair!
Discount Prices!

Dart Nite in TAPS!!

Every
Wednesday
at 7:30 p.m.

Lots of Prizes
& Great Prices

Come Down and
Check It Out!



STUDENT ASSOCIATION
MEDIA SERVICES

FREE

With every Purchase over \$5.00
Receive a Complimentary

BCIT Note Pad

November 5th to November 14th

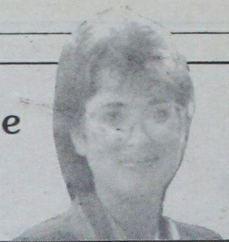
STATIONARY

Custom Stationary and Report Covers
Add the Final Touch to any Project

Building 4A (SAC) Room 128
across from the SA General Office
432-8757

Alumni Update

With Nicki Magnolo



On Monday, November 03, 1986, 15 first year students received Regional Entrance Awards at the 2nd Annual Fundraising Celebration Breakfast held in their honour. The Honourable Russell Fraser, Minister of Post Secondary Education personally presented each student with a cheque for \$605.00 (first term tuition less the commitment fee).

Student winners were selected based on scholastic standing, community involvement, and financial need by a special student committee comprised of student, alumni, and institute representatives. Over 120 students from all regions of the province applied for the awards. The awards were designed to encourage students from outside the lower mainland to attend BCIT and recognize the added financial burden of relocating.

The 1986 Regional Entrance Award Winners are, by region:
Camosun - Barbara Pierce, Prosthetics/Orthotics.
Cariboo - Eric Larnder, Electrical/Electronics. Karilee

Mann, Marketing Management. East Kootenay - Terry Nelson, Surveying. Fraser Valley - Christopher Pavluk, Biomedical Electronics. Malaspina - Lisa Webster, Medical Radiography. New Caledonia - Nada Vukovic, Hospitality and Tourism. North Island - Wendy Carson, Hospitality and Tourism. Northern Lights - Henry Hachmeister, Electrical/Electronics. Northwest - Christy Jaycox, Administrative Management. Okanagan - Shendra Brisdon, Environmental Health. Tom McDougall, CAD/CAM. Selkirk - Julie Donaghy, Medical Radiography. Yukon - Brian McKamey, Surveying.

The Alumni Fundraising campaign started in 1984. They now have \$744,997.00 in alumni donations pledged to 1989 combined with \$225,000.00 matching funds from the Vancouver Foundation bringing the total value of the campaign to \$969,997.00 upon completion. Each year the interest earned on the fund is disbursed for student aid.

Svend Robinson, Federal MP for Burnaby - Edmonds riding, Elwood Veitch, Provincial Secretary and Minister of Government Services, Malcolm Wickson, Chairman BCIT Board of Governors, Roy Murray, President BCIT, and Grant Sidnick, President BCIT Student Association were all on hand to help with the celebration. John Leech, President BCIT Alumni Association was master of ceremonies of the event which was co-sponsored by the Student Association and the Administration.

Also on the program were five special presentations. Elwood Veitch received an honorary membership in the Alumni Association in recognition of his long standing support of BCIT and it's graduates. Malcolm Wickson presented Russ Fraser with a BCIT clock.

The celebration breakfast ended with the first ever presentation of Alumni Achievement Awards. The recipients are:

George Madden, Broadcast Communications (1972) in the "Career Development" category, Ted Bowers, Nuclear Medicine (1969) in the "Business Achievement" category, and Dr. Basil Peters, Electrical (1975) in the "Business Achievement" category.

NEED WORK?

Full-time and part-time jobs available, including:

Cook (short order - institutional - a la carte)
Chef Welding Electronic Technician Stenography
Accounting Building Maintenance Bricklayer
Medical (office assistance - reception) Bartender
Refrigeration Legal Secretary Power Engineer
Horticulture (maintenance - floral design)
Drafting (architectural - mechanical - civil & municipal - industrial - structural) Upholstery
Warehousing (shipping - receiving) Millwright
Carpentry (framing - finishing - benchwork & joinery) Appliance Repair Autobody Repair
Cashier Painting & Decorating Clerk Typist
Mechanics (automotive - commercial transport - heavy duty - small engine - motorcycle) Baker
Machinist Plumbing Sheet Metal Word Processing
Butcher (meat cutter - wrapper)
Instrumentation Electrical

The EAC has it!

Register Today at the
Employment Action Centre

4th Floor, J.W. Inglis Building

or call 438-1343

This program is a co-operative venture of your Student Association and BCIT.

Student's speech places second

On Saturday, November 8th advertising student Jim Redfern represented BCIT and the Lower Mainland at the Toastmasters District Fall Conference in Kamloops. He gave a great 'humorous' speech and placed second for his efforts.

Redfern is the president of the BCIT Toastmasters Sunrise Club and has only been speaking with Toastmasters for 12 months. As second place winner, he will represent B.C. at the International Contest in Idaho in June if the first place winner is unable to attend.

Toastmasters International is the world's largest organization devoted to communications excellence. Through active participation members learn how to build confidence and develop the ability to organize their thoughts and present them logically. In addition to meeting new people members learn and practise sound inter-personal management techniques.

Students are welcome to drop in on the Wednesday morning meetings - they start at 7 a.m. and are held in the S.A. Boardroom, across from Medical Services in the SAC.



SPORTS & RECREATION



Flag football action last week.

Doby Dimitrow photo.

Basketball is back

By Randy Derrick

Over the past few years, something has been lacking around the school. But after a four year hiatus, basketball is back at BCIT.

Now, starting a basketball team from scratch is no easy task. Good teams are generally built around a solid nucleus developed over a number of years. But BCIT landed a more than capable man for the job. He's John Doughty, Men's Basketball Coach and the newest member of BCIT's coaching fraternity.

Although John is still quite young, his experience on the courts is second to none. He began playing in grade four, continued through his high school years at Vancouver College, and then went on to play four years with the UBC Thunderbirds, earning the title of captain his final year there.

It was a time when the only thing keeping the Thunderbirds from prominence was a team called the University of Victoria Vikings, perennial national champs for umpteen years.

After graduating from UBC John stayed on for another year to get his teaching degree and was assistant coach for the Thunderbirds. John's next move was to Oliver where he taught for two years and coached several teams, including a senior secondary team that went on to win last year's Division A Provincial championships. John returned to the Lower Mainland and is currently a substitute teacher in the Vancouver area. When the Cougars coaching position came up, he didn't hesitate.

John seems quite prepared

for the task in front of him, building a team from the court up. He enjoys watching players improve as the year goes by, and helping a group of individuals blend and mix together to form a team.

The only problem John has encountered so far is the lack of awareness around campus that there is a basketball team. He invites students out to a practise (Mondays and Wednesday). Although the roster is set, John will take a look at you if you're interested in joining the team.

A second problem facing John and his team is fitting practises around student workloads. The Totem Conference is a tough one, and the more practise a team can

get in the better. Teams from Langara, Capilano and Douglas are ready to compete. To combat this, John schedules extra games for his team against local senior mens' teams.

The intercollegiate season starts November 28th, and John is looking forward to putting his team in action, although he can't predict the outcome of league play. He does think his team will do well - the main goal for the team this year is to generate lots of interest and create a strong nucleus to build on. Hopefully John's teaching career won't take him out of the Vancouver area.

- Recreation & Athletics

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BCIT 1986/87

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Competitive prices on silkscreened and embroidered garments:

- Cardigan Sweaters
- V-Neck Sweaters
- Sweatshirts
- Golf Shirts
- Melton/Leather Jackets
- T-Shirts

Call LAURIE JONES 873-1801 to set appointment for sample showings

the link, november 12, 1986

Aerobic Fitness To Music 1/2 Price Special

Nov. 7th - Dec. 12th
Attend any or all of the
classes for \$15.00
Get FIT for Christmas!

Weight Training Sat. Nov. 15th BCIT Weight Room 10 a.m. to 1 p.m.

Fee \$1/registration deadline Nov 7
Content includes: use of
equipment, safety, basic lifting
program and suggestions for body
toning and strength.

FREE BROOMBALL DROP-IN CLINIC Wed. Nov. 19 & 26 Columbia 4 Rinks 12:15 - 1:15 p.m.

ALL EQUIPMENT PROVIDED
BGING A FRIEND!

We'll introduce you to broomball, the second largest participation amateur sport in Canada! No previous experience required
Good player interaction
Great muscle and cardiovascular conditioning!

Universki Carnival at Whistler December 14th - 19th

Ski Club members \$230 Cdn.
Non-members \$240 Cdn.
Includes pass to SKI BCIT

Package includes 5 nights deluxe lodging, a 4 day, 2 mountain unlimited ski pass, admissions to dances and other functions, exclusive discounts throughout the village, beverages and refreshments (while they last) a souvenir pin, room tax and prizes.

Pay your deposit of \$75 before November 15th so you won't miss out on the fun.

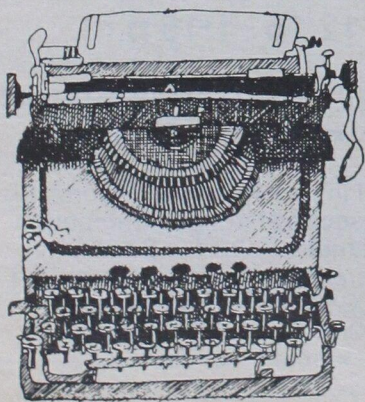
Open Recreational Indoor Soccer Tournament

Saturday November 22



Starts at 10 a.m. - Fee \$24/team
Minimum 10 players per team
Register at the Recreation & Athletic Services Office in the SAC Building 4A 10 a.m. to 2 p.m.
Registration deadline: Nov. 18th

WRITE TO THE LINK



...THINK SNOW...THINK SNOW...
SNOW BALL

When: Saturday, Nov. 15th
8:30pm - 1:00am

Where: TAPS

Tickets: Ski Club Members \$3.00
Non-Members \$4.00
A Buck More at the Door!

Non-Alcoholic beverages available

Tickets available at the following locations:
SAC Information Booth
Ski Club Dance Committee Booths
Ski Club Dance Committee members

Two Designated Drivers available

...THINK SNOW...THINK SNOW...
..THINK SNOW...THINK SNOW...THINK SNOW...

Tickets Available 1986 Grey Cup Festival

Wednesday Nov. 26th

6-9 p.m. BC Place Expo Plaza
\$10 per person - tickets available
through Recreation and Athletic
Services office in the SAC

FUN! FOOD! MUSIC!

Catch the Grey
Cup Fever!

CASUAL ICE HOCKEY

Day: Thursdays
Time: 3:20pm - 4:50pm
Location: Burnaby Winter Club
Fee: \$4.00 per session
or \$20.00 for all 7 sessions



Starts: Thursday, Oct. 26th
Ends: Thursday Nov. 28th

Non-Contact - No Slap Shots

Join a Club!

Clubs Update

Archery

Planning to hold a Christmas Turkey Shoot in late November/early December. Exact dates to be announced.

Aviation

Members are concentrating on ground school instruction during their regular Thursday meeting, 5:30 p.m. in the telephone exchange meeting room (building 2E). A trip to the Boeing plant in Seattle is being planned for late in December by the Sea Island students.

Curling

Six teams are now playing a set weekly schedule. More teams can be accommodated.

Chess

Planning a tournament for January.

Shisei-Kai Karate

Fifteen members sharpen their skills every Monday and Wednesday evenings 9 to 10:30 p.m. in the weight room. Contact Tony Gurr at 437-3934 for more information

Outdoor

Scheduled hikes: Saturday November 15, Mt. Brunswick - moderate to difficult. Sunday November 23, Golden Ears Park, easy to moderate. Saturday November 29, Mt. Hanover, moderate to difficult. For more information contact Paul Fortier, home 876-9368, work 432-8282.

Motorsports

Rally sport changed its name and is planning a car scavenger hunt for Sunday November 16.

Ski

Snowball dance Saturday November 15. University Ski, December 14 to 19.

DROP-IN PROGRAMS

Drop-In programs are designed to provide an opportunity for individuals or groups to get together on a regular basis and take part in the semi-organized activity of your choice. Recreation and Athletics staff will assist you with the setting up of teams or the allocating of time based on group sizes and levels of play.

All Drop-In programs take place in the BCIT Gymnasium and cost \$1 per person/per night or \$10 per term/per person, *except* Drop-In Hockey, which takes place at the Burnaby Winter Club and costs \$4 per session or \$20 for all seven sessions.

VOLLEYBALL

Monday evenings 8:15-10:45

BASKETBALL

Wednesday evenings 8:15-10:45

BADMINTON

Thursday evenings 7:30-10:45

HOCKEY

Thursdays 3:20-4:50 p.m.



Ruggers lose a close one

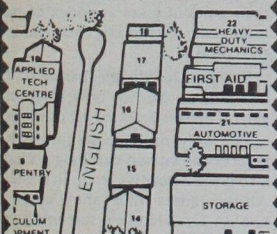
The BCIT Ruggers lost a close game on Saturday against the Douglas College RFC.

Unlike last week which saw the team play as a unit with a collective purpose, the Cougars never did get on track. The forwards played a decent game but the outside backs had nothing but trouble both offensively or defensively. The final score was BCIT - 6, Douglas - 10.

Glass

For all your glass needs: automotive, ICBC, mirrors, shelves, broken windows, storm windows, conversion windows, screens. You name it, we do it - for less. Say you saw us in the Link - receive a 10% discount. Larry Jeider ('84) at 873-1029 between 9 a.m. and 5 p.m. or Denis Martin at 432-6677 between 6 p.m. and 10 p.m.

HARD TO FIND



Visit The Hub food server in the portable at the East end of English Street, North Campus

THE HUB

E·X·C·E·L·L·E·N·T

THE EATERY

1 FREE BURGER

The good deal is your least expensive gourmet burger is free when two are ordered. This applies to beef & Tofu burgers only, and isn't valid for take-out or any other coupon.

ENJOY YOUR BURG AND HAVE A NICE DAY!

3431 WEST BROADWAY 738-5298

Community Sports

offers a **10%** discount off regular prices of all merchandise to all **BCIT** students, staff & faculty.

SEVEN MONTH SKATE SHARPENING PASSES FOR ONLY **\$39.00**

3355 W. Broadway 733-1612
OPEN 7 DAYS A WEEK FROM 9:30 A.M.

BUSINESS INFORMATION CENTRE

The Business Information Centre is a resource centre for any student thinking of starting a business or wanting to improve an existing business.

Information is available on retail, manufacturing and service operations. Information on ideas for businesses and financing is also available. Free professional counselling can be arranged.

Located on the 4th Floor J.W. Inglis Building in the Business Resource Centre

Hours open:
Monday and Thursday 8:30-5
Tuesday and Wednesday 12:30-5
Fridays 8:30-11:30 a.m.

Intramural results

Team name (Standing)	GP	W	T	L	D	F	A	Total pts
		2 pts	n/a	1 pt	0 pts	gl/pt	gl/pt	
Volleyball Division 1								
Smashers	4	4	0	0	0	121	46	8
Oddballs	5	3	0	2	0	125	87	8
KT Cells	4	3	0	1	0	101	100	7
Marketing	4	2	0	2	0	93	87	6
D Setters	4	2	0	2	0	112	117	6
Gamma Rays	4	1	0	3	0	86	87	5
Bunsen Burners	5	0	0	2	3	27	150	2

Weekly game scores
Marketing 2, Gamma Rays 1. Smashers 2, Setters 0.
Oddballs 2, Bunsen Burners 0.

Team name (Standing)	GP	W	T	L	D	F	A	Total pts
		2 pts	n/a	1 pt	0 pts	gl/pt	gl/pt	
Volleyball Division 3								
Hackers	5	4	0	1	0	144	62	9
Staff	4	3	0	1	0	99	49	7
LRD Nerds	4	2	0	2	0	91	64	6
Byters	5	2	1	2	0	113	115	6
Freaks	4	1	0	2	1	63	90	4
Mighty Six Pack	4	1	0	1	2	37	115	3
Short A Load	4	1	1	0	2	60	113	2

Weekly game scores
Hackers 2, Byters 0. Staff 2, Short A Load 0.
Freaks 2, Six Pack 0.

Team name (Standing)	GP	W	T	L	D	F	A	Total pts
		2 pts	n/a	1 pt	0 pts	gl/pt	gl/pt	
Volleyball Division 3								
Extinguishers	5	3	0	2	0	128	93	8
Kootenay House	4	3	0	1	0	118	98	7
Preppies	4	3	0	1	0	112	63	7
Blaines	4	3	0	1	0	104	83	7
Top Gun	4	3	0	0	1	90	73	6
Hostile Robots	4	1	0	3	0	90	125	5
Blues Bros	4	0	0	3	2	44	150	3

Weekly game scores
Preppies 2, Blaines 0. Extinguishers 2, Blues Bros 0.
Top Gun 2, Kootenay 1.

Team name (Standing)	GP	W	T	L	D	F	A	Total pts
		4 pts	0	0	0	0	gl/pt	
Volleyball Division 4								
Ruthless People	4	4	0	0	0	121	59	8
The Managers	4	4	0	0	0	85	52	8
Buckeyes	5	3	0	1	1	105	97	7
The Nads	4	2	0	2	0	107	75	6
Pile Drivers	5	1	0	3	1	82	151	5
Woodpeckers	4	1	0	3	0	99	113	5
Fin Wizards	4	0	0	2	2	44	91	2

Weekly game scores
Ruthless People 2, Woodpeckers 0. Managers 2, Nads 1.
Buckeyes 2, Pile Drivers 0.

Team Name (Standing)	GP	W	T	L	D	F	A	Total pts
		4 pts	2 pts	1 pt	0 pts	gl/pt	gl/pt	
Non Contact Hockey								
Survey Chiefs	5	5	0	0	0	38	13	20
Staff	5	3	0	2	0	29	23	14
Top Damagemen	5	2	1	2	0	20	25	12
Mechanical	5	3	0	3	0	18	34	11
Marketing	5	2	0	3	0	17	25	11
Forestry	5	0	1	0	4	7	8	2

Weekly game scores
Survey 9, Mechanical 3. Forestry forfeit to Marketing.
Staff 8, Top Damagemen 3.

Team Name (Standing)	GP	W	T	L	D	F	A	Total pts
		2 pts	0	0	0	0	gl/pt	
Coed Indoor Soccer								
Alumni Athletics	5	3	2	0	0	12	2	16
Steamers	5	3	2	0	0	6	2	16
Gash Hounds	5	1	1	3	0	1	11	9
C&S Strikers	5	0	1	2	2	2	5	4

Weekly game scores
Steamers 2, C&S Strikers 1. Alumni 7, Gash Hounds 0.

Team Name (Standing)	GP	W	T	L	D	F	A	Total pts
		3	-	-	-	90	27	12
Wallyball								
Ripper Stuff	3	3	-	-	-	90	27	12
Brew Crew	4	3	-	-	1	90	47	12
Super-7	3	2	-	1	-	77	50	9
Computer Res.	2	1	-	-	1	30	51	4
Oddballs	3	-	-	2	1	40	90	2
Strikers	3	-	-	2	1	28	90	2

Weekly game scores
Computer Resurces 2, Oddballs 0. Ripper Stuff 2, Strikers 0.

Team Name (Standing)	GP	W	T	L	D	F	A	Total pts
		4	0	1	0	26	5	17
Men's Indoor Soccer								
Challengers	5	4	0	1	0	26	5	17
Busters	5	3	2	0	0	14	3	16
Byters	5	3	1	1	0	13	5	16
Alumni	5	3	0	2	0	10	6	14
Computer Res.	5	1	2	2	0	7	11	10
Son Of 10	5	1	2	2	0	1	1	10
Survey Strikers	5	1	0	4	0	4	27	8
Blow Hogs	5	0	1	4	0	1	16	5

Weekly game scores
Son-of-10 0, Computer 0. Challengers 2, Byters 0.
Survey 1, Blow Hogs 0. Busters 3, Alumni 0.

Team Name (Standing)	GP	W	T	L	D	F	A	Total pts
		5	5	0	0	130	36	
Men's Flag Football								
Contenders	5	5	0	0	0	130	36	
T&D Fems	5	3	1	1	0	97	40	15
Vectors	5	3	1	1	0	100	62	15
Admin Animals	5	3	0	2	0	49	46	14
Machines	5	2	0	3	0	90	77	11
E&E Chargers	5	2	0	3	0	19	70	11
Gasholes	5	1	0	4	0	46	79	8
Trojans	5	0	0	4	1	24	131	4

Weekly game scores
Contenders 22, Admin Animals 6, T&D 38, Trojans 0.
Machines 28, Gasholes 12, Vectors 38, E&E 6.

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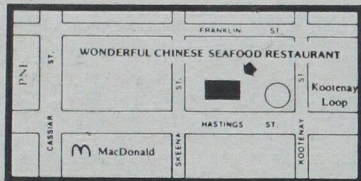
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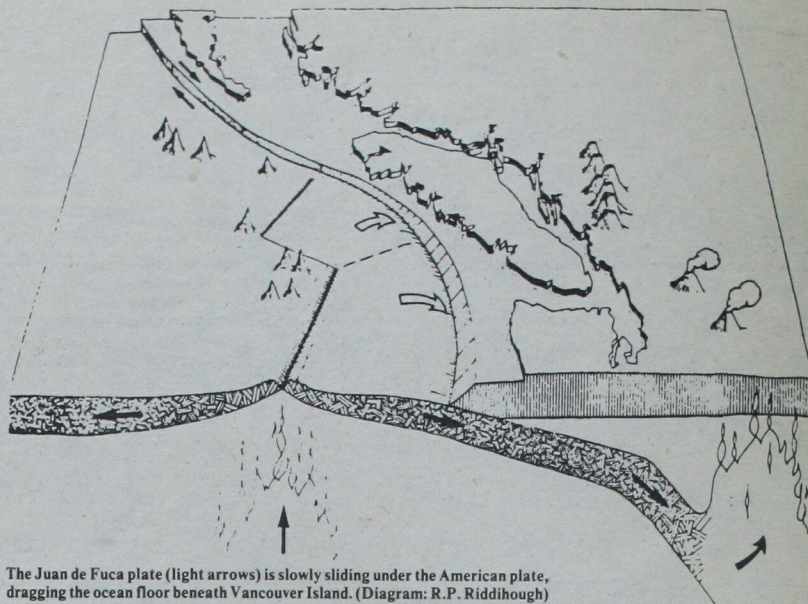
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Business Resource Centre



The Juan de Fuca plate (light arrows) is slowly sliding under the American plate, dragging the ocean floor beneath Vancouver Island. (Diagram: R.P. Riddihough)

Ocean floor slowly sliding under Vancouver Island

By Lorraine Brown

Geophysicists from the Geological Survey of Canada, correlating magnetic and seismic data from Vancouver Island, have gained an important insight into the behaviour of the earth's crust. The information will be useful in earthquake research in the area, and also provides new data that will help geologists understand why minerals form where they do.

The earth's crust is made up of a complicated system of plates. Most of North America sits on one large crustal plate called the American plate. Another large plate underlies most of the Pacific Ocean. But near Vancouver Island three small plates lie between the two large ones.

The geophysicists have been studying the Juan de Fuca plate, which is moving under Vancouver Island at a rate of about three centimetres per year. Both the seismic and the magnetic data indicate that, as the surface of the plate moves down, it may be dragging salt water and sediment from the bottom of the Pacific Ocean with it.

The seismic studies show a boundary between two different kinds of rock about 15 to 28 kilometres under Vancouver Island. The scientists think that the boundary may be where soft ocean floor sediments on the top of the plate meet the harder igneous-rock roots of Vancouver

Island (part of the American plate). The two different kinds of rock send vibrations back to the earth's surface at different speeds. These data are picked up by seismic instruments.

The electromagnetic data show an area of high electrical conductivity, also about 15 to 28 kilometres below the surface. High electrical conductivity is often an indication that the rock contains a lot of salt water, since salt water is a good conductor.

The correlation of the seismic and electromagnetic data gives the scientists two lines of evidence that they have found the boundary region between the descending Juan de Fuca plate and the overriding American plate.

The idea that the plate may be carrying salt water down in its descent is of interest to geophysicists studying the origins of earthquakes. They had thought that a crustal plate descending under another one went down as dry rock. The fact that a plate could be taking water down with it could answer many questions about the behaviour of the crust.

"Fluids can lubricate the rocks, so they slide over each other easily," says Dr. Ron Kurtz, a geophysicist with the Geological Survey of Canada. "A fluid interface between the two plates could explain why we haven't had major earthquakes asso-

ciated with the movement of the Juan de Fuca plate."

Scientists have felt some concern that there haven't been earthquakes associated with the movement of the Juan de Fuca plate. There is a possibility that the two plates are "stuck" against each other, with pressure building up between them.

Evidence from the ocean floor nearby indicates that there have been major earthquakes in the area every 400 to 600 years. But there haven't been any during the area's recorded history, which goes back 200 years.

As well as helping scientists understand how and why earthquakes occur, the evidence that crustal plates may carry down salt water is of interest to mineralogists. It could explain the formation of ore bodies that can be mined for minerals.

"Water in the crust reacting with hot rock is an important factor in the generation of ore bodies", says Dr. Ian Gough, professor of Physics at the University of Alberta in Edmonton.

The research on the Juan de Fuca plate is part of "Lithoprobe"—a collaboration between government, industry and universities to study geological processes occurring in Canada. The research is funded by the Natural Sciences and Engineering Research Council.

(Canadian Science News)

New test for carcinogens in food

By Dan Cass

A new test will allow more accurate testing of substances suspected of causing colon cancer. It will be used to test possible links between this form of cancer and diet.

Dr. John Heddle, a geneticist at York University in Toronto, says there are two lines of evidence suggesting a link between certain foods and cancer. First, some animal studies have demonstrated that certain foods contain chemicals—mostly additives, but a few natural—which are known as "mutagens", since they cause a cell's genetic material to change or mutate. But a major weakness of these studies is that a mutagenic chemical is not necessarily carcinogenic; that is, changing the genetic material does not always lead to the formation of a cancer.

More convincing evidence involves studies of the incidence of cancer in different ethnic groups. For example, the Japanese have a very low rate of colon cancer. However, upon moving to North America and eating a Western diet, their children acquire the typically higher, North American risk of developing the dis-

ease. "The most likely difference is the change in the diet," says Dr. Heddle.

Until now, tests used to screen potential cancer-causing agents were very artificial. The chemical's effect was tested on bacteria, or on easily-obtainable samples of bone marrow. These tests' major drawback is that they do not test the chemical's effect on the same tissue that is at risk of developing cancer.

"Carcinogens are very tissue-specific," says Dr. Heddle. "They'll cause cancer in one type of tissue, such as bowel, but not in others. Testing the bone marrow doesn't give us a good idea of how the colon will react to the substance."

Dr. Heddle's new test involves feeding the suspect food ingredient to a special strain of Chinese hamster. The hamster's colon tissue is later tested by subjecting it to diphtheria toxin. Normal hamster (and human) cells are killed by diphtheria toxin; however, if the chemical has made the hamster's cells mutate, the cells will be resistant to the diphtheria toxin and will survive.

These mutant cells can be detected by special laboratory techniques and their amount gives an index of how mutagenic the food or chemical is to the colon.

So far, Dr. Heddle has tried his new test on known bowel carcinogens. The test detected all of them.

The only problem so far is that several known non-carcinogens have also given a positive result in the test. All substances which show up positive on Dr. Heddle's screening test will therefore undergo elaborate, more specific testing.

"Ideally, we'd like a quick, easy test which is also a very specific test for carcinogens. Our system is a trade-off between ease and specificity," explains Dr. Heddle.

Even with its shortcomings, the new test is still far more accurate than the traditional bacterial and bone marrow tests, since it looks at the colon tissue itself, Dr. Heddle says.

Funding for this research was provided by the Natural Sciences and Engineering Research Council.

(Canadian Science News)