

THE

LINK

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THERAPY? Interview..... page 8

This band from Belfast talks with *The Link* about their music and lives.

Why worry about Earthquakes?..... page 3

The first in a two part SPS Series on Earthquakes and preparedness.

High Speed Modems..... page 6

What to buy and what to do. A tutorial.

# "Info Superhighway" could end privacy of personal information

MONTREAL (CUP) — Have you ever filed a tax return? Then you're in Revenue Canada's Taxpayer Master File. Applied for a passport? You're in the computer memory of External Affairs. Participated in a demonstration? You may be among the 54,000 countersubversion files of the Canadian Security Intelligence Service (CSIS).

Big Brother has arrived. And he's a microchip.

From Statistics Canada to the Ministry

by Christopher Taylor  
The McGill Daily

of Human Resources, the estimated 2700 data banks of personal information run by 160 federal agencies contain approximately 12 dossiers on every Canadian man, woman and child, raising concerns that in the computer age, the individual's right to privacy has become a thing of the past.

"These files contain your address, telephone number, Social Insurance Number, where you work, how long you've been working there, how much you make, whether you're married or single, what charities you contribute to," said Sally Jackson, Director of Public Affairs at the Privacy Commission in Ottawa. "If you start to look at the details contained in all the separate files, the government knows quite a bit about you."

Given that personal information has become a multibillion-dollar global business, critics warn the right to privacy will be relegated to horse and buggy status on the coming superhighway.

"The next technology that we haven't got a hold on is the information superhighway, the convergence of all these systems," said Jackson. "The whole purpose of it is the transmission of information, and of course it will transport personal information. The problem is that it's going to be a shared network.



Government has privacy legislation and business doesn't. It's basically a free-for-all."

Though the information superhighway is billed as a consumer's dream, its implications in terms of individual privacy are distinctly Orwellian.

"The main concerns are information manipulation, information being used for purposes about which you know nothing, or people assembling profiles on you," said Jackson. "And because it's an electronic system, it's all done without your knowledge or consent."

One concern is the phenomenon of data matching, in which personal information in various data banks is combined to make 'super-files'. This provides a

remarkably accurate portrait of an individual's activities, lifestyle, and interests, from the people you call to the type of cereal you buy at the supermarket.

"In the private sector there's no regulation with regards to data matching," said Brian Foran, Special Advisor to the Privacy Commissioner. "Retailers can hook in with retailers [they] can hook in with credit agencies or insurance companies, and can put together quite a profile, using whatever transactions you normally perform on a daily basis."

## INACCURATE INFORMATION

In many cases, personal information contained in data banks is either inaccurate, incomplete or misleading. Particularly censured for their inaccura-

cies are credit reporting agencies, the two largest in Canada each possessing approximately 23 million files on Canadian citizens.

"The reports I have suggest credit bureau records are notoriously erroneous, containing incorrect information," said Foran. "This can lead to an inability to get a loan, a mortgage, a job. The possibilities in having an erroneous record, which is transferred to a number of other data bases, poses a risk for people."

Although the credit agencies guarantee the right of an individual to review his or her personal file, Foran identified two weaknesses in the system.

"The theory is that you can check the accuracy of the information on your file," he said. "But not a lot of people check their records, and if they do they would need an interpreter to decode their credit file. The other problem that occurs is that credit bureau information is information they've collected from other sources. They don't take any ownership responsibility for the records that they keep."

Such 'records' may range from comments on elementary school report cards to the reports of hired private investigators. But often, said Foran, we give up this information voluntarily.

"Look at a VISA application," he said. "You may not realize it, but you've signed a pretty broad waiver of any privacy rights. You've said to them, you can use this information for whatever purpose you want, and I can't control it. You have no idea what the uses and disclosures of such information are."

Another diligent record-keeper is the RCMP, whose Canadian Police Information Centre (CPIC) contains files on 10 per cent of the Canadian adult population. CPIC and its American counterpart, the NCIC system, have been criticized for recording arrests as well as convictions, for occasionally omitting case developments (such as acquittals or dropped charges), and for not monitoring the further dissemination of the data they provide.

In the case of Michael DuCross, a

continued page 12



## STUDENT ASSOCIATION

# Global Number available on campus thru SA

by Dave Sicinski

Get a job, get a life, get a Global number. This is the advertising slogan being used by local telecommunications company, Global Teleworks, in their campaign on the BCIT campus.

Global Teleworks is running the marketing campaign in conjunction with the BCIT Student Association—which will receive a portion of the proceeds in return for its support.

The company offers a wide range of telecommunications services that allows you to integrate your telephone, cellular, fax voice messaging and paging services on your own personal "Global Number".

BCIT students expecting to enter the

workforce in the near future will find the voice mail and fax capabilities of this number to be an aid in presenting a professional image to potential employers. A personal Global number is accessible 24-hours a day, moves when you move, and its fax storage and forwarding capabilities makes the tedious task of sending out a stack of resumes as quick and easy as a phone call.

Global Teleworks will be operating a booth in the SAC on Wednesday, March 2nd. Students interested in finding out all about this service should visit the booth or call 893-8030 for more information.

## LINK CLASSIFIEDS

LINK CLASSIFIEDS... are \$5 for a 3 line ad and \$1 for each line after—except employment listings for which the first 3 lines are FREE. To place a classified ad contact The Link at 432-8935.

### VOLUNTEER POSITIONS

**Receptionist Volunteer.** An institution for the blind requires a pleasant, friendly and positive volunteer as a receptionist. Commitment 4 hrs/wk. For more info call Greater Coquitlam Volunteer Centre at 524-9808

### MESSAGES

Desperately searching for friends that graduated from York House & now attend BCIT. Contact me ASAP.

Tom van Migem  
Grootreesdyk 23

2460 Kasterlee  
Belgium

(tel) 32 14 85 20 76

(e-mail) tw45639@is2.vub.ac.be

### COURSE OFFERINGS

**Study in Central Europe.** University Credit Courses in Introductory German, History of Central Europe 16th to 18th Century and Politics in Western Europe taught in Germany and Austria available through Okanagan University College in Kelowna. Cost is \$3,590 and covers tuition, air fare, accommodations in Berlin and Vienna. For students outside of Kelowna, the External Studies Program will arrange billets for 2 wks spent on campus at Okanagan University College. For details and application forms contact Dr. Maurice Williams at Okanagan University College, Arts Building, North Kelowna Campus, Kelowna BC, V1V 1V7. Phone: (604) 762-5445 Loc 7332. Fax: (604) 470-6001

## CAMPUS AND COMMUNITY EVENTS

Friday, February 25

**Campus Events is a calendar column open for the advertisement of events and functions on all of BCIT's campuses. Submissions should be dropped off at The Link offices or sent through campus mail. Deadline for the next paper, published Wednesday March 9th, is Thurs. March 3rd.**

**Pub night at the Royal (1025 Granville).** 8:00pm. If you haven't experienced the Royal, now is your chance. This is THE downtown, after-work, watering hole. Crowds of people, a fun band and sardine dance floor, lots of dykes and everybody else. Look for the table with the discrete BCIT banner. If you want to carpool or need a chaperone call Mark (432-8964) or Gordon (434-5734, 5301).

Monday, February 28

**94 Solutions: Student Design Competition in Assistive Devices Application Deadline.** Looking for creative solutions to problems facing persons with disabilities as a marketable product. Cash prizes and awards will be made after judging of all projects at an exposition at Science World. Projects must be completed by June 30, 1994. For more info call Judy Findlay at the Technology Centre 432-8952.

**Intro to Assertiveness.** Topics of discussion will include: what is assertiveness?, benefits of being assertive, recognizing aggressive/passive behaviour(s), identifying some areas for personal assertiveness development. 3:30 - 5pm SW1 Rm 2595. Pre-register at Student Services (SW1 Rm 2300) or drop in on the day. For more info call Heather Hyde 432-8432.

Thursday, March 3

**Take a Deep Breath Health**

**Fair.** Check out your lungs with spirometers and smoke analyzers. Get the latest info on: allergy identification, control and treatment; and lung hazards and treatments; BCIT's work to eliminate and control asbestos on campus; respiratory safety products to try and information; and how to quit smoking. 9am - noon, JW Inglis Cafeteria.

March 5 - 10

**Women and Resistance. 6th Annual International Women's Week Film and Video Series.** Presented by the National Film Board and the YWCA. Will feature recent releases from Canada, Britain, the US, Tanzania, Niger and Togo including NFB films: *Forbidden Love* and *Kanehsatake: 270 Years of Resistance*, as well as *Return Home and Long Time Comin'*. Show times are 7pm and 9:30pm nightly and a matinee at 4:30pm on Saturday, March 5 and Sunday, March 6. Admission is by donation (\$3). Limited childcare subsidies are available through the YWCA (683-2531). Shows at Pacific Cinematheque, 1131 Howe St., Vancouver. Cinematheque membership is not required for this event.

# Why work for peanuts when you can sell them?



Starting your own business is one way to guarantee yourself a job this summer.

If you're a full-time student returning to school this fall and legally entitled to work in Canada, Challenge '94, the government of Canada's summer employment program for students, is offering loans of up to \$3,000 to help you start a business.

Details are available at any branch of the Federal Business Development Bank, Canada Employment

Centres, Canada Employment Centres for Students, any branch of the Royal Bank of Canada or the National Bank of Canada.

Just come to us with your idea, and we'll see what we can do about putting you to work for someone you really like. You.

Call toll-free:  
1 800 361-2126.

*Challenge '94*



Human Resources Development Canada  
Développement des ressources humaines Canada



Federal Business Development Bank  
Banque fédérale de développement



NATIONAL BANK  
BANQUE NATIONALE



ROYAL BANK  
BANQUE ROYALE

Canada





## Why we should be worried about EARTHQUAKES

This is the first in a two part Safety, Protection & Security series.

by Anna Gooler

The main problem with earthquakes is that they seem to happen at the most inconvenient times and produce the most unfortunate circumstances. If earthquakes only happened in uninhabited places, they wouldn't be so threatening. However, they have a nasty habit of disrupting large and busy cities.

Canada, has been the lucky recipient of a great many fair sized earthquakes. In this century there have been eight earthquakes with a magnitude greater than seven on the Richter scale. An event of magnitude 7.3 occurred near the east coast of Vancouver Island. The effects were felt through out Vancouver, the Lower Mainland and Vancouver Island. Thirty schools in the Courtney area had to be closed because of the earthquake damage.

The concentration of people in a given area and the quality of building construction will govern the number of fatalities and damaged buildings. The largest recorded earthquake in Canada, with a magnitude of 8.1, occurred off the Queen Charlotte Islands in 1949, caused little damage. Alaska experienced a huge earthquake in 1964, with a magnitude of 9.2, with only a loss of 131 lives. However, in 1985, Mexico City, which has a population of 18,000,000 people, an Earthquake with a magnitude of 8.1 occurred, resulting in 9,000 fatalities. In 1986, an earthquake with a magnitude of 5.4 occurred in San Salvador, causing 1,000 fatalities out of a population of 1,400,000. Soviet Armenia with a population of over 2,000,000, suffered an earthquake in 1988, which resulted in 25,000 fatalities. A high concentration of people and poor quality housing spell disaster in the event of an earthquake.

### SHAKING AND QUAKING BENEATH THE EARTH

Right in our backyard, off the coast of B.C., a slab of the Earth's crust called the Juan de Fuca plate, is trying to slide under the North American Plate, which is called subduction. The lower slab, or plate, is being pulled back into the Earth's core, which constantly sucks old crust in at some places and generates new crust at others. When the descending plate gets stuck, the energy can build up for centuries. Then suddenly the plate jars free. Earthquakes occur almost daily, releasing stress and strain in the plates, as they try to push their way past each other. Most of the quakes occur more than 10 kilometres underground and aren't noticeable. Three or four quakes a year are big enough to be felt but they seldom do any damage. Historically, the Pacific Northwest has a damaging earthquake every 10 to 15 years. The last major earthquake in this area hit Seattle in 1965, 29 years ago: We're due for a large earthquake pretty soon.

Shaking of the earth can cause a phenomenon called liquefaction. This is when a subsurface layer of sand is disturbed so much that it ceases to form a solid subsoil and becomes a liquified mess. The surface layer, which may be a silty clay, floats on the liquified sand. This top layer could start to buckle, bend and crack. Liquefaction may happen in Richmond and the Fraser Delta, which has the perfect soil conditions for this to take place.

Understanding and preparation for earthquakes is the best that anyone can do, and many self-help advice guides exist.

Emergency Preparedness Canada is an excellent organization to contact for more information regarding earthquakes and what to do in the event of one.

# Hitting home: Student loan bankruptcies

by Stu Clark

REGINA (CUP)—Like a growing number of university graduates in Canada, Jamie Milligan's education didn't end at a convocation ceremony—it ended in a bankruptcy court.

"If I could, I would return my loan and my education and get a job as a waitress," said Milligan minutes after a judge granted her a conditional bankruptcy.

A former University of Regina student, Milligan was forced to declare bankruptcy when she couldn't make the minimum payments on her \$40,000 student loan. With no job and two children to feed, she had no way of raising the almost \$600-per-month payments.

So she declared bankruptcy.

And Milligan is not alone. Over 4,500 students in Canada declared bankruptcy last year because of student loans. That number accounts for over seven percent of all the personal bankruptcies in Canada last year.

Brady Salloom, director of repayment of student loans in Saskatchewan, doesn't think the statistics show the real story behind the bankruptcy problem.

"Some of those people declare bankruptcies, not only

because they don't have a job, it may be for a number of other reasons. You can't make a direct correlation between the student loan and the bankruptcy. It could be their Visa, and their Bay card, and their Eaton's card, and the car they bought," says Salloom.

"The people who have troubles repaying their loans are the people who don't communicate with us. If someone lets us know they are having problems, we try to find a way to help them."

But Jamie Milligan disagrees. About 95 percent of her debts were from student loans, and she says she tried to communicate.

"I contacted them [the loan office] over and over, but you really can't get past the secretary," she says. "Then I contacted the debt mediation board and they wouldn't talk to me because I owed too much money."

She expects even more students to go bankrupt in the future. Especially single parents.

"Those students with two or three kids—and they're single parents—how can they pay more than \$600 a month?", asked Milligan, who was a single mother during most of her university career.

"I was 19 when I started university, and I was told by every-

body, including counselors from high school, that this was the way to go, and people don't have big payments. I didn't know I'd be stuck with this now," she says.

"The government should have known I couldn't pay off my loan. They should have explained what I was getting into."

Milligan says bankruptcy was not her favorite option—it was her only option.

"I'm stuck now. I'm bankrupt, and my bankruptcy I owe \$10,000, which is a fair number. I'm not disputing that I shouldn't be paying back some of my loan, but I have a conditional discharge. I'm bankrupt until that's paid. I have no credit. And I'm stuck until that is paid."

Milligan is currently paying her remaining debt out of her UIC payments. She hopes to find a job, any job, before her unemployment runs out in six months.

In retrospect, she says her university education wasn't worth it.

"If a 19-year-old single mother asked me what to do, I would tell her to go work as a waitress. She will end up better off than me."

## Emotions run high over Link sexuality issue

by Link Staff with CUP files

Offended. Outraged. Disgusted. Joyous. The last issue of *The Link* generated strong reactions on BCIT's campus.

The fact the issue contained mainly articles discussing homosexuality was the reason for some of the emotions, while others expressed concern over a piece explicit lesbian fiction in the paper.

Second year Marketing student Michael Welter said, "I'm not personally opposed to graphic descriptions of sexuality, but this issue contained a lot that was purely gratuitous."

Many lesbians believe they have the right to interpret their own sexuality—to create their own sexual imagery. Graphic sexual imagery gives lesbians visibility, community and power. Paula Wellings, of Little Sister's books in Vancouver, agrees and said it is an "opportunity to see our sexuality represented, which

is rare in mainstream [publications]."

Members of Gay and Lesbians at BCIT said they loved the issue.

Welter's opinion was echoed by some students attending a meeting with the staff of *The Link* on Wednesday, February 16. Some felt that sexuality had no place in the paper or campus life.

*Link* Managing Editor Paul Dayson said, "The removal of sexuality from the campus will in effect enforce a continued assumption of a heterosexual norm at BCIT."

Others at the meeting with *The Link* staff opposed the paper's sexuality issue because it raised homosexuality—which they labeled as "perversion" and "unnatural" on a religious basis.

*The Link* has also heard reports of students discussing participating in gay bashing since the publication of the sexuality

issue.

It is perhaps because of this attitude one gay student wrote in the issue, "Being gay at BCIT is like driving a convertible in the rain: you might try to freely enjoy yourself, but in a climate such as this, you're going to get pissed on. obviously, it's time for a change."

*Link* Student Editor Damascus Roy said questioned the campus' dedication to a free press on campus comparing the reaction to ABC's refusal to air an episode of *Rosanne* that included a lesbian kiss. "What these people want to see is nothing but shiny happy faggots—who act like heterosexuals," he said.

The issue was taken to the Burnaby RCMP. At press time, two weeks later, *The Link* has still not been contacted by the police and assumes they are not pursuing any case.

See letters page 4



## EDITORIAL

### Top 20 things BCIT needs

- (1) another smoke belching tower to 'improve' the view
- (2) lesbian erotica in the curriculum (yes, *The Link* is not the place for 'that' kind of material, the classroom is)
- (3) more 3 mile hike parking places
- (4) morality lessons in the curriculum (preferably taught in conjunction with lesbian erotica)
- (5) skater dudes on BCIT's Board of Directors
- (6) a nude beach along Kyle Creek
- (7) a REAL campus radio station where students can play music they LIKE
- (8) tackle line dancing at Taps (somebody had to come up with the idea)
- (9) a fruit stand (now that everyone has found new and wild things to do with bananas, see items 2 and 4)
- (10) CENSORSHIP!!
- (11) more body piercing
- (12) financial aid office attached to Taps (save us the walk)
- (13) mandatory poetry reading in the Engineering technologies
- (14) ATMOSPHERE!!
- (15) a liquor store (see item 14)
- (16) A REAL 'skid row rag' to satisfy the obvious penned up needs of students and staff (see letters to *The Link*)
- (17) proliferation of Styrofoam
- (18) a swimming pool
- (19) Food with the grease
- (20) salmon in Kyle Creek (it might happen yet)

*The Link* is The Student Newspaper of the British Columbia Institute of Technology. Published bi-weekly by the BCIT Student Association, *The Link* circulates 5,000 copies to over 16,000 students and staff.

#### Contributors

Damascus Roy, Michael Welter, Brian Rice, Karen Odenwald, Tim Reeve, Kevin Mok, Dia Richardson, Richard Havlik, Steve Everett, Dave Scinski, Anna Goater, Erica Sezech, Jason Heath, Trent Houg and Paul Dayson.

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Paul Dayson

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As a member of Canadian University Press (CUP), *The Link* adheres to CUP's Statement of Principles and affirms that the student press in Canada has a unique role in society as a voice for social justice. To this end, *The Link* will not publish material deemed by the editors or steering committee to be sexist, racist, homophobic, or in poor taste.

The views expressed in *The Link* are not necessarily those of BCIT, the Student Association, or the editorial collective.



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### Pornography does not belong in *The Link*

Trying to pass off the sexuality articles in the last edition of *The Link* as either entertaining or informative is a complete farce. "Three Fingers Willamena" is our case in point. We couldn't care less if this article was directed towards gays, lesbians or heterosexuals!!! It was blatant pornography smut that has no place in a campus news publication. Send them off to *Penthouse Forum*, where the readers will appreciate it much more.

Andrea Read  
Lochlan Jay Krauss  
Gregg Anderson

### Concern over image

Your newspaper is a "school" newspaper not a "skid row rag." Your choice of topics and articles are totally disgusting.

I will never read another one of your papers. Is this the kind of image BCIT wants the public to see? I think not!

A BCIT female staff member

P.S. John Watson:

John, have you read "our" school newspaper lately?

Ed. Note: please in future sign your name to letters you submit.

### Link meant heat for gays

Well, Thanks a heap LINK! Because of your choice to publish that Lesbian erotica lots of

us gay people have had the heat turned up.

Students in our group have described variations on the scenario of silently watching, in the greatest discomfort, the uproar amongst their fellow students. This ranged from comments about what a piece of garbage this sexuality issue was, to threats of going on gay bashing rampages. The impact on me was far milder but still disturbing. I walked into a class that appeared to be unanimous in their righteous indignation about this particular article ("Creating The Lesbian Erotic: Lesbian Sex Stories"). My timid, "Well, you didn't have to read it" was rejoined with "It shouldn't have been there in the first place. If they were trying to make us feel better about Lesbians, it sure backfired" And the LINK's framing editorial, that I had thought so reasonable?? A second student commented "It was O.K. 'til I read the editorial". I opted for that old liberal democratic line "Well, express your concerns! Write a letter to the editor."

Hold the phone, Gordon! What "concerns"? What the hell does "concerns" mean anyway?? My use of this mushy, positive-sounding term was a cop-out. I was giving the message that somehow its fine for people to just read and react. "This seems to have really upset you. Why?" would have been more to the point.

"Creating The Lesbian Erotic" sure kicked loose a lot of stuff! As a gay person, I did a terrible

job of dealing those parts of the reaction that may have been hurtful to gay people. The issue of naming and confronting hostility towards homosexuality is as complicated and confusing as we want to let it be. Because its OUR issue, it starts with being honest about who we are (coming out) and asking for a bit of honesty from others.

Of course that's only reasonable in an environment where although you may be uncomfortable, you aren't at real risk. In theory that describes BCIT. We have anti-discrimination policy, we have mechanisms in place to deal with it, we have commitments from the top levels of administration. That means we can share "gay persons burden" with others. Who? The faculty for starters: ITS PART OF THEIR JOB to maintain a positive working and learning environment for their students, ALL their students. And what about the students?? They're going to school with gays, they're going to work with gays, how's about they just COPE and get on with the really important things?? Any diversity (religion, culture, race, sex, etc.) can be seen to rob the workplace or make it richer and more interesting.

So, to end where I began, Thanks to the LINK for having the courage to reacquaint us all with the fact that this campus has a long way to go before it can claim to be a safe and positive place for all its members. The work of achieving this reasonable expectation has to be shared by all of us.

Gordon Handford

# 10 percent figure questioned

by G.Thiessen

For years the gay rights movement has sought safety in numbers citing research on human sexuality done by Alfred Kinsey during the 1940's and 50's. Activists seized the double-digit value that gays constitute ten percent of the population. Policy-makers and the press, including this newspaper (see the page 3 editorial in the February 9, 1994 sexuality issue of *The Link*) have adopted this estimate. Now new evidence suggests that ideology, not science has perpetuated a one in ten myth. In the almost 50 years since Kinsey's research no other survey has even come close to his findings. Some of the most serious flaws in Kinsey's research are:

- Kinsey's samplings were weighted towards institutional populations like schools, prisons and hospitals which experts say is unscientific and can't be meaningfully extrapolated to the general population. It's just not a real number.
- Up to 25 percent of Kinsey's 5300 sample group consisted of convicted criminals, many of them sex offenders (he had the records of approximately 1400)
- At least 200 of his sampling group were male prostitutes and may have amounted to as much as four percent of his sample.
- Kinsey himself has stated that the ten percent figure is wrong and has placed the homosexual population at 4.5 percent

## OPINION

How then did the ten percent fallacy last so long? It was exposed in the mid 1980's when statisticians began tracking AIDS cases. Using the ten percent figure and known rates of HIV infection among gay males, the New York City Health Department put the estimated size of the city's HIV infected gay population at 250,000, (and the total number of homosexual-bisexual men at 400,000 to 500,000.) In 1988 this number had to be revised to 50,000 and 100,000 respectively. The Centre for Disease Controls has also stopped using Kinsey's data.

Studies regarding homosexuality that have been done recently in other countries have found the following:

**Britain:** a 1990-91 nationwide survey of 18,876 adults aged 16 to 59 reports that 1.4 percent of men had a homosexual experience in the five years preceding the survey. Only 6.1 percent of men had any lifetime homosexual experience.

**France:** A 1991-92 survey of 20,055 adults reports that 1.4 percent of men and 0.4 percent of women had any homosexual intercourse in the five years preceding the survey. Exclusive lifetime homosexual rates were 0.7 percent for men and 0.6 percent for women and lifetime homosexual experience was 4.1 percent for men and 2.6 percent for women.

**Canada:** a nation-wide cluster random sample of 5,514 first year college students under age 25 found 98 percent heterosexual, one percent homosexual and one percent bisexual.

**Norway:** a 1987 nation-wide random mail sample of 6,155 adults aged 18 - 60 found 0.9 percent of males and 0.9 percent of females had homosexual experiences within three years of the survey and 3.5 percent of males and three percent of females had ever had any homosexual experience.

**U.S.:** a nation-wide 1989 household survey of 1,537 adults reports that 1.2 percent of males and 1.2 percent of females had a homosexual experience in the year preceding the survey. 4.9 percent to 5.6 percent of both sexes have had partners of both sexes since the age of 18 and 0.6 to 0.7 percent exclusively homosexual partners.

**U.S.:** the latest ongoing survey (Jan 6, 1993) by the National Center for Health Statistics of the CDC reports that fewer than three percent of men answered yes to this question: "You are a man who has had sex with another man at some time since 1977, even one time."

Since this new information has come to the attention of the North American population as a whole listen to the comments of some political-gay activists:

Tom Stoddard, former head of the Lambda Legal Defense Fund "We used that figure when most gay people were entirely hidden to try to create an impression of our numerosness."

Tim McFeeley, executive director of the Human Rights Campaign Fund for gay political-action committee "If you say a number that you can't prove, there's always the chance that by disproving part of your argument your opponent weakens you overall. I think that's dangerous. The truth is that growing gay political clout makes reliance on Kinsey less important. In the long run, gays may discover that a maturing political movement is best served by credibility, not numbers games."

Another nail in the coffin of Kinsey's credibility are his conclusions of childhood sexuality. Kinsey's research is the only body of experimental data on the sexuality of children. It supposedly demonstrates that children from a very young age are sexual and have sexual needs. But the Kinsey findings are based on criminal experiments conducted on behalf of Kinsey by pedophiles who sexually stimulated infants (as young as 2 months) and children against their will, without parental consent (obviously), for up to 24 hours at a time. The national Institutes of Health's fraud specialist Walter Stewart has called for an investigation of Kinsey's experiments and his surviving co-workers.

To summarize I would like to echo the Student's Associations concerns (see "Link does shoddy journalism" page 9 of the February 9, 1994 edition) about the lack of credibility shown by *The Link* by not researching the facts and presenting them as just that and letting the readers make their own judgements.

# Illegal Thoughts

by Jason Heath

Congratulations to the Surrey man recently acquitted of double murder. The charges were laid last week following the stabbing deaths of two women.

According to the murderers' testimony, he and his friends had been snorting cocaine when something caused him to go berserk and murder the two women. The defense lawyer and judge agreed that 'cocaine psychosis' was responsible. The accused was subsequently acquitted of charges.

C'mon judge, wake up call! Is it right when cheating on a math test gets you harsher discipline than a double murder does? Or is it our justice system more like the Lotto 649 than we think? I'm curious to find out how it all works. Do you get a reprieve if your ticket number matches the number of drinks that the judge had for

lunch?

My next heralding bravo goes out to Nova Scotia. A resident there was recently acquitted of sexual molestation charges. According to the defense, the man can't be tried. Evidently, the accused is deaf and doesn't know sign language. I say, why not throw him into a cell until he learns to communicate and then try the bastard?

Do you see the trend here? Does it make you angry? Dangerous offenders are allowed to commit violent crimes without deterrence. The courts are inept.

I no longer believe in our judges as mere interpreters of the law. I have seen far too many exhibit ignorance with idiotic judgments.

Let's toughen our laws to protect the innocent, not the guilty. And if the bleeding heart liberals don't like that, then they can go to hell too.

## OPINION

## STUDENT ASSOCIATION LAURIE JACK AWARDS

Laurie Jack was President of the BCIT Student Association 1971-72. He was killed in an airplane crash in 1975. Together with his parents, the Student Association jointly sponsor four awards of \$300 each. They are awarded in the winter term to second or third year students.

**Criteria:** nominated students must have given time and service to the cause of student life at BCIT, such as involvement in student government, sports, or general involvement in student affairs. Nominations should include a brief background and services rendered to BCIT.

Please forward nomination to:  
The Student Association General Office  
in the Student Activity Centre  
Closing date:  
Wednesday, March 9, 1994 - 4:00pm





# High Speed Modems

## a tutorial

by Nicholas Fong, P.Eng

As our society is rapidly shifting towards the "electronic super highway" paradigm, the modem has suddenly taken on an unexpectedly important role.

The public at large is still ignorant of modem technologies, yet the day is approaching fast that there exist a modem at every desk and in every household.

Today, there exists a large installed base of new and old modems from different modem manufacturers (some modems are good, some are bad). When modem communication speeds were primarily 1200bps and 2400bps, things were relatively calm and stable. However, with the arrival of 9600bps, 14,400bps, 19,200bps and 28,800bps modems in large quantity, the situation becomes much more complex for the average computer user. An analogy of today's mixture of modems: imagine a super highway without speed limit, there are all kinds of vehicles traveling at night: tri-cycles, bicycles, horse-carts, Chevrolets and Mercedes Benz, some with headlights, some without. To make things worse, telephone lines were designed for voice communications only. Telephone companies only "guarantee" reliable 2400bps data communication on "data quality" lines. Users are on their own when it comes to 9600bps and higher data communications.

The purpose of this article is to give you an insight of the confusing world of modems and how to deal with it in a practical sense.

When it comes to accessing modem, there are only three basic items that are important: basic speed, error-correction protocol and data-compression protocol.

Basic speed: there is a choice of 2400bps, 9600bps, 14,400bps, 19,200bps, and

28,800bps. Do not be misled by the phrase: "throughput up to 57,600bps", it is only an indication of transient performance under ideal conditions (with data-compression protocol enabled). Also, most modems today are faxmodem, a 9600/2400 faxmodem is still a 2400bps data modem (the 9600 refers to the fax), do not be deceived by the number 9600.

Error-correction protocol: the preferred protocol is V.42, the next preferred protocol is MNP-4. Look for these words on the modem. Some modems do not have any error-correction protocol (this is equivalent to driving at night without headlights).

Data-compression protocol: the preferred protocol is V.42bis, the next preferred protocol is MNP-5. Under ideal conditions, V.42bis can achieve a 4:1 compression ratio on certain data stream, thereby making the "effective" speed much higher. If the data stream is already compressed, V.42bis will not attempt any compression to save processing overhead. These ideal conditions seldom happen with real life data.

Some modems will mislead you with words like "MNP Protocol with Software" or "Software MNP" - those are plain modems without any error-correction protocol but you can "simulate" the error-protection protocol using the software supplied. Simulating MNP error-correction protocol using a specific software severely restricts your choice of communications software and it is definitely NOT a wise choice.

Most modems today also have fax capability. The phrase "Group III fax" is not very illuminating to users because all fax machines today are Group III. It will be a few years before a significant number of Group 4 fax machines appear on the market. Then there is Class 1 and

Class 2 faxmodems. Class 1 is a set of well established and well-defined, but has more features. The fax portion of faxmodems comes in either 9600bps or 14,400bps. It is expected that the next generation of fax machines will be migrating to 14,400bps.

To achieve optimal data communications, you should set your modem's speed, error-protection protocol and data -compression protocol to match the modem on the other end. Many communications software try (in futility) to help you by allowing you to specify an "initialization sequence" - a one-line command that sets up your modem. However, this method assumes that you only communicate with one service. That is a very bad assumption as we shift into the new paradigm. For example, in the Lower Mainland of BC today, there exist 6 municipality library on-line access, each requiring a different setup of your modem (See the example below).

A wide-spread misconception about modems is "Hayes compatible". Most modems use the basic Hayes command of ATDT 555-1212 to dial. However, that's roughly where compatibility ends. Manufacturers went in all directions on the more important command: enable/disable error-protection protocol, set maximum operating speed, enable/disable data-compression. Even different models of Hayes modems today do not implement each other's commands closely. "Hayes compatible" modem is myth.

It is unfortunate that the basic element of the electronic super highway (affordable high speed modems) began with such a mess. The following section will help you in a practical way to make the best out of the very confusing modem world.

### Practical Operating Hints:

- (1) Read your modem manual and find the following commands. Use markers to highlight the 3 groups of "AT" commands that are important:
  - to enable/disable error-protection
  - to connect only at 2400bps, or at 9600bps, or negotiate highest speed on its own-to "prefer MNP" or to "prefer V.42" (this command is difficult to find, you have to read through the entire manual to find it. Some modems do not have this capability at all).
- (2) Before you dial into another computer, find out whether the modem on the other side has error-correction enabled or not. Enable/disable your modem's error-correction accordingly. Although your modem manuals says your modem will "fall back" to no error-correction if it cannot establish an error-correction if it cannot establish an error-correction link - this is not always the case because the modem on the other side may not be able to "fall back".
- (3) If the modem on the other side can only talk MNP (e.g. most datapac public dial-in modems), set your modem to "prefer MNP". Your modem manual will tell you that it will try to establish a V.42 link first, and if that fails, it will try to establish a MNP link. In practice, it seldom does - it usually falls back to no-error-correction or simply hang-up when dialing to a MNP-only modem.
- (4) If the modem on the other side is an older 2400bps modem, then you may need to set your modem to "connect only at 2400bps" to establish a good solid link.



# Kid Champion, Cub supply heavy music

by Adrian Bolden

I showed up early at the Starfish Room only to find that the first band, Kid Champion, wasn't going on stage until 10:15. Oh well, what's new.

## Sensible band has everyone laughing

by Jeannette Arthur

As usual Sensible Footwear put on a brilliantly humorous show. Best moment—dropping in on a support group for the Phallically Challenged with GI Joe, Magic Earring Ken, and John Wayne Bobbit.

**CONCERT REVIEW**  
Sensible Footwear  
Van East Cultural Centre

One might think that only women would relate to Sensible Footwear's unique brand of feminist humour, but surprisingly the men in the audience laugh longest and hardest. Out of embarrassment perhaps?

Due to the heavy course load at our hallowed school, this reviewer did not stay for the second half of the show, which was the Flirtations, an all-male a cappella group from Toronto. Is it sexist that I chose the female over the male part of the show?

**CONCERT REVIEW**

The Smugglers, with Cub & Kid Champion.  
The Starfish Room

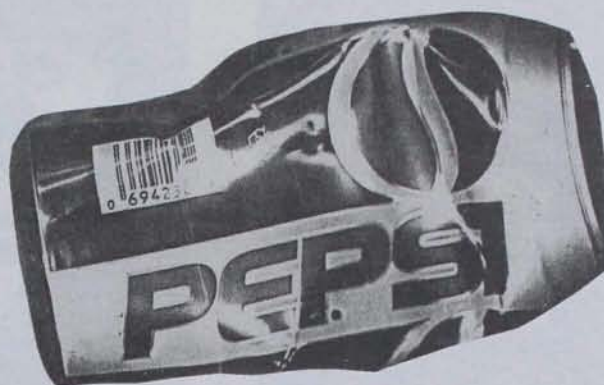
Kid Champion started their set right on time. They put on a good show with their heavy guitars and ethereal vocals. Whoever mixed the sound did a great job. For once the vocals were not buried under the guitars. There was a 'prose' reading between songs, the most impressive part being that Brady kept drumming all the way through it. The middle of the story was pointless, however the beginning and ending were good.

After one of the fastest set changes I have ever seen, and some smarmy comments from one of the owners of Mint Records, Cub was on. Ah yes Cub, the band that proved that if you are cute enough you can do anything. They even had some new Valentine's Day stickers on hand to please the masses.

Lisa was wearing her usual 'white trash' dress, (she even hemmed it for the concert). Valleria started drumming stiffly, but she loosened up after a few songs. It still amazes me how she drums like that. Robyn was positively grimacing while playing David Carswell's (of Smugglers fame) guitar. Grant Lawrence of the Smugglers even joined in on one song.

Unfortunately I had to leave before the Smugglers came on, but I'm sure they put on a good show. I have seen them several times before, and they always kick severe musical ass.

I found the Starfish room to be a great venue, the staff is actually nice, and the volume is not too loud.



## Reality Bites into consumerism

by Damascus Roy

Reality Bites is a film version of Seinfeld with a few differences. This crowd's hipper, less successful and living in Houston, Texas.

**FILM REVIEW**

Reality Bites,  
starring Winona Ryder, Ben Stiller & Ethan Hawke

The movie chronicles the lives of four friends: Lelaina (Winona Ryder), Vickie (Janeane Garofalo), Troy (Ethan Hawke) and Sammy (Steven Zahn).

Lelaina has just graduated and is working at a job she hates. She's videotaping a documentary chronicling the lives of her hapless companions and there daily struggle to make some meaning of it all.

Lelaina finally gets her break when she starts dating Michael, a video executive, played brilliantly by Ben Stiller. He likes her piece and wants to market it. Will she compromise her artistic integrity?

Along the way Troy, who spends the better part of the movie trading barbs with Lelaina, must decide whether to confess his love or lose Lelaina to Michael.

Hawke and Garofalo are manic and fun as Troy and Vickie. Winona Ryder is sweet ... again. Ryder is beautiful and heartbreak-

ing but she couldn't act if you set her hair on fire. It's not that she's particularly bad, she just can't compete with her brilliant supporting cast.

This film is about as Generation-X as it gets. Wry and cynical almost to the end, it's an orgy of one-liners, great put-downs and soon to be clichés.

It's also a shameless promoter of smoking. Tobacco company execs must be in tears; they couldn't have done a better job promoting Marlboros if they had directed the film themselves.

Not to be outdone is Coke. Diet Coke had more screen time than some of the supporting actors.

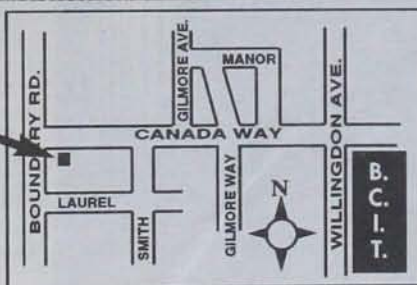
I couldn't help but feel cheated. For all the pretensions to 'never selling out to the corporate devil' this movie did so big time. There were too many zoom-ins towards the ashtray and far too many Coca-Cola cameos to let me think that this was anything but a big fat marketing ploy.

If you like a witty, well-paced Generation-X movie then by all means go see Reality Bites. But spit the cynical, exploitative corporate beasts in the eye. Stop smoking for a week and go buy a 24 pack of President's Choice Cola, if enough people do it film-makers might think twice before pitching products on celluloid.



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# There is THERAPY?

by Steve Everitt

*The world is fucked and so am I, maybe it's the other way round, I can't seem to decide. Domestic refugees, sink in the same boat as me, we suffer alone, and these days I don't wanna go home. Idiots authority, promising equality, so where is the land of the free? Stop it you're killing me.*

**Stop It You're Killing Me, THERAPY?**

The turmoil that the three members of this band have seen and lived through, is beyond the comprehension of probably everyone reading this article. Andy, Michael and Fyfe, known collectively as THERAPY?, come from Larne, Northern Ireland, just outside of Belfast.

Their new album, *TROUBLEGUM*, is a collection of hard, affected songs, both lyrically and musically. The song, *Stop It You're Killing Me*, is "a sarcastic Northern Irish phrase, meaning stop giving me false promises about changing things, because you're not", according to Andy, the lyricist/singer/guitarist.

The fact that they are from Belfast is a huge influence on the lyrics Andy writes, and most of the songs are bitter social commentaries on the isolation and alienation that is a result of the society the band lives in. They are fascinating explorations of a society that most North Americans see only through the eyes of the media. This takes away the harsh reality of the struggle there, and turns the people from being real to being nothing more than a statistic.

Besides the lyrics, the new album is an amazing collection of hard, fast explosions of music. The listener is bombarded with heavy bass and drums, that form an extremely tight rhythm section. Andy's guitar work is jangly at one moment, hard edged the next, not unlike the band Husker Du.

They played a show on Valentine's day at the Commodore, and I caught up with Andy before the show.

...

**LINK:** Is getting out of Belfast a difficult thing for a band?

**ANDY:** Because a lot of people are scared about the trouble in Belfast, record

company people from outside Belfast tend not to travel there. They don't want to be in the city because they think it's going to be dangerous. So if you're from there and you want to get noticed, you have to go somewhere else to play. If you're determined, it makes you even more determined.

**LINK:** A lot of the songs have a religious theme to them, like *Hellbelly* or *Lunacy Booth*. Where does that stem from?

**ANDY:** Religion is such a strong influence in Ireland. I was very young when first exposed to religion, and when you're seven years old, being told that unless you're good, you're going to be cast into the pit, a lake of fire, it sent shivers up. It fucked me up an awful lot when I was growing up, constantly thinking I was going to get punished for my sins.

**LINK:** Do you have any peace with the end of life?

**ANDY:** No, not at all. At the end of the day, I'm still not sure. It's not something that dictates my life, but it's always in the

back of my mind.

**LINK:** *Stop It You're Killing Me* could be seen through the eyes of an existentialist; born alone, die alone, so take responsibility for what happens in between.

**ANDY:** Yeah. The only thing in life that you own is yourself. Even to get really crass about it, the clothes that we're wearing are made by other people. The only thing that you really have is your own mind, and your own sense of self-respect.

**LINK:** Do you still write music even while you're touring?

**ANDY:** Yeah, the entire lyrical content for *TROUBLEGUM* was written last year while we were touring America. You do get reflective because you're meeting so many different people and styles of culture, you really begin to realize how small and insignificant your life is in the scheme of things.

**LINK:** Do you feel that your lyrics are as valid as your music?

**ANDY:** Well the only thing I have to

offer is that they're honest. I would never consider myself a great lyricist, but because it's honest it stays valid. Before, we'd write about any subject matter but the songs began to get more personal.

**LINK:** What drives you to just continue living life in general?

**ANDY:** Fear. I love music, I love doing what I do, but it's a fear of becoming stagnant. I always want to be doing something.

**LINK:** What specifically is it in your life that helps you continue?

**ANDY:** Well, I think because of the fact that I'm lucky enough to be in a band. It gives me a place to vent some of my frustration. When I worked I used to see guys who would work all week, get drunk and then beat their wives. I think they didn't have any form of self-expression for a true balance. Music will always give me some sort of avenue.

**LINK:** When does music end for you?

**ANDY:** When music becomes a chore. When the business becomes too serious. Right now music offers the challenges that keep me alive.

...

The crowd was large. The lights were low. The music was LOUD. THERAPY? played a 45 minute set that touched on songs from their new album as well as some of their older material, and was an obvious crowd pleaser. Some incredible bass work from Michael and a hard, hard, hard drum sound from Fyfe powered the music. Andy's frantic guitar work and a strong voice fed their stage presence with a lot of fuel.

During the song *Nowhere*, a song about the futility of most people's lives who simply spin their wheels and get nowhere, was broken up in the middle of it by Andy yelling at the security. Some fan was doing what Andy considered harmless, but as he described, it was a "senseless show of testosterone" by the security. The fans were there to have fun and THERAPY? was going to make sure that they did and received their money's worth at the same time.





# SwerveDriver: Album: 1 Live:0

by Steve Everitt

Too many folk in the middle they don't wanna swerve 'gainst the rails.

*Girl On A Motorbike,*  
SWERVEDRIVER

The above lyric couldn't be further from the truth for the four piece band from Oxford, England. This is a band with a sonic sound that is truly their own. Their 1991 release, *Raise*, started the myth that their music and driving are synonymous. Their latest release, *Mezcal Head*, could continue this myth although it's one that the band may not be completely comfortable with.

## CONCERT / ALBUM REVIEW

SwerveDriver  
Commodore Ballroom  
Monday, February 14

"People have made a little too much of the connection and the press continues to fuel the idea", says guitarist Jimmy

Hartridge.

Whatever the case, this is a band that produces music that is great to listen to in a car, on a walkman, or in the privacy of your home. Jagged, hypnotic guitar work is their speciality along with the innate ability to translate the concept of speed into listenable music.

*Last Train To Satansville*, is a tune from the darker edges of life about a woman who's left, and the man who dreams of killing her. Definitely a relationship gone wrong.

My personal fave, is the song, *Girl On A Motorbike*. It's a tune that transcends the cd format. When you listen to it, it's easy to forget that you're listening to music. It seems more that you're part of something grander. Close your eyes and you can escape your existence for awhile.

They were the headliners at the Commodore on Valentine's day, with THERAPY? opening for them. Unfortunately, because of the hard-edge of THERAPY?, SWERVEDRIVER's music got lost. If a mellow evening of music was in store, they should have had a different band open for them. The fine sound of the band was lost during the performance and they looked dull in comparison to THERAPY?.

However, if you're looking for an incredible listening experience in your car, on your walkman, or in the privacy of your home, *Mezcal Head* is a definite keeper.

## Casting Call!



## Don't Miss Out! Maquinna Residence is Looking for Residence Advisors for 1994/95

### So What is a Residence Advisor Anyway?

Residence Advisors are mature, resourceful and perceptive people who genuinely enjoy taking an active leadership role with students. Living in rent free apartments connected to the residence, R.A.'s are the "front line" of the residence operation team, and assist in the development of a positive, academically-oriented, residential community.

BCIT full time students, staff, faculty and alumni are eligible for R.A. positions. In the case of BCIT staff preference will be given to those who are interested in residence life and student activities, and who have completed a diploma, degree or equivalent program.

Applications are invited from singles and couples. However, because of lack of facilities, applicants with children cannot be considered.

These positions offer an excellent opportunity for personal growth. If you are interested please pick up an information package from the Housing Office, located in Maquinna Residence (SW11) or call 432-8606.

Application deadline is Friday, February 25, 1994 at 4:30pm



70's Disco Night  
The Commodore, 870 Granville St.  
EVERY TUESDAY NIGHT

Mardi Gras Dance Party  
The Commodore, 870 Granville St.  
Thursday Feb. 24, doors 8:30

Bands appearing that evening are  
Noah's Great Rainbow, Spirit Merchants,  
Omnibol and Yellow Belly.

Muy Caliente!  
The Commodore, 870 Granville St.  
Friday Feb. 25, doors 8:30  
Starring BC Salsa, Tropicana, Shango  
Ashe

THE DEAD MILKMEN  
with guests Possum Dixon  
The Town Pump. 6' 1/2" 1er St.  
Saturday, Feb. 26

Philadelphia's Dead Milkmen have  
recorded seven albums. Their latest, *Not  
Richard, But Dick*, introduces new ideas,  
yet still keeping the music charged at  
high levels.

KING APPARATUS  
The Commodore, 870 Granville St.  
Saturday Feb. 26

With special guests The Bounty  
Hunters. Tickets \$12 in advance.

DOWNCHILD BLUES BAND  
The Commodore, 870 Granville St.  
Saturday March 5, doors 8:30

*The*  
**WILD PONY**  
HEADS AND TAILS ABOVE THE REST  
CABARET presents  
**Wild Wednesdays**

Low Prices Dance Party  
DJ Requests Top 40 Bands

**SHERIFF'S**  
"Breakin' the Rules"  
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Specials Galore!  
Rock, Disco, Alternative  
Anything Goes...

Appearing March 2:  
**THE BLUE SHADOWS**  
Doors 7:00pm

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(at Gilley)





BCIT WASTELINE



## The long life of styrofoam

So you're on your home and you drop into the deli for takeout because you don't feel like cooking dinner tonight. Chances are, only one thing is going through your mind as you stuff the Styrofoam containers under your arm: your stomach is growling and you can't wait to get home to eat - so the thought of how harmful this container is to the environment is buried somewhere in your trash bin at home.



KAREN ODENWALD

Well, it's time to ignore your stomach for a little while, and take a 'green' initiative. After all the stomach growls will go away after you feed yourself. But the ozone hole will not get smaller and neither will the enormous number of landfills.

Packaging does actually have some endearing qualities, one of which is convenience. However, there is a bad side to everything and so you have to examine all sides before you decide to use it.

This process is commonly referred to as life cycle analysis. With something like Styrofoam the cycle starts with the manufacturing of it - exploitation of natural resources and pumping out of air pollution in the production line. Then you have the volume of these containers going out to retailers and other manufacturers so you can get your take-out Chinese food conveniently pre-made for you. Then you finish your dinner and the only place to dispose of this container is the trash bin, because it certainly won't recycle. So it sits in the landfill for hundreds of years without decomposing. Multiply that by millions of others which also pile up and there you have our garbage problem.

Pretty ugly picture, isn't it?

So as consumers we have to buckle up and SHOW that we care by saying no to unwanted packaging. In Germany it's common for consumers to tear off excess packaging in the store and ask for money off the bill. If the Europeans can put the pressure on why can't we North Americans?

Next time you're in the deli, take the initiative and ask for your dinner in a plastic reusable container, or else spend the time and have a nice home cooked meal. It's definitely worth it.

## RECYCLE YOUR LINK



## Beyond Recycling Achieving the 50 percent Goal

by Tim Reeve

1994 is a critical year for the 3R's Program at BCIT. The campus is close to achieving a 50 percent reduction in solid waste. And while we should be proud of the success to date, we must also recognize that the hardest work still lays ahead. BCIT must begin promoting the ideals of a consumer, not a consumer, society.

This won't be easy and will require many changes in the way the campus operates. But our progress

thus far demonstrates that we can make changes that better the environment. Even the Recycling Department is undergoing significant change. This spring, responsibility for recycling will be transferred from the Student Association to Physical Plant.

The Student Association will now turn its attention to the important task of promoting Reduce and Reuse initiatives to the campus community. They, more than recycling, embody

the fundamental principles of sustainability: resource conservation and protection.

BCIT currently recycles around 35 percent of the 1500 metric tonnes of garbage that are produced each year. We are recognized for our recycling program. But if we are to achieve the 50 percent waste reduction goal by 1995, then we must start projects that reduce and reuse wastes. We cannot get there by recycling alone.

## KUDOS & COMPOST

**Kudos to Clark Cook and Grant Douglas,** Communications Instructors who took advantage of Computer Resources' Academic Services' offer to provide printing orientation for their classes, thereby saving their students hours of confusion and frustration and at the same time reducing substantially the amounts of wasted paper due to printing problems in BCIT's micro labs. From Mike Evans.

**Heaps of Compost** to all those students in the SAC who continue to leave bottles and cans littering the tables and floors of this common area. You're welcome to live in a pig sty at home, but get with the program while you're here on campus.

A recycling bin full of Compost to every environment.

**tally self-righteous student** who doesn't have the guts to tell their friends to clean up after themselves and use the recycling and waste bins on campus. Leaders of Tomorrow or Wimps of Yesterday's Planet???

**A thousand Kudos to Craig MacMillan,** V.P. Student Affairs, for promoting unbleached recycled paper to his instructors and encouraging them to use it!! Reach for Unbleached!! From Craig MacMillan.

**Kudos around the table to BCIT's Environmental Awareness Committee** for supporting the Recycling Department's "Reach for Unbleached" campaign. Setting a positive example for the rest of the campus is what this committee is all about.

Send your Kudos and Compost to the Recycling Department and be automatically entered into our monthly draw for a free backyard composter and other cool prizes. Include your name, program and phone number. Enter now for January's draw!!



*Who should you go to with a problem? What opportunities have you been missing out on? Who should you thank for a pleasant change to campus policy or planning?*

*Executives often seem to work away in little seen musty offices, too often without the knowledge of those they administer.*

*With this new section The Link hopes to give the student, and staff at BCIT an increased awareness of executive action, asking executives to explain how they serve the campus. In this way The Link hopes it will aid and assist students, and others in the campus population, through a better campus experience.*

### Ian Grantham, SA VP Marketing & Public Relations

As Vice-President of Marketing and Public Relations I do several different things around campus. My primary duty involved raising money for Cystic Fibrosis. Shinerama this year raised over \$17,000 with the help of more than 250 student volunteers.

Also I represent the students on the Alumni Board, Child Care Committee and attend every student association meeting. This year I have also volunteered to be Director of Corporate Sponsorship for the Open House Committee. In my spare time I am also a full-time student in Marketing Management Technical Sales Option.

Another facet of my job is to maintain positive relations between the faculty, students and the general public. This is a very important job as it is the public who ultimately hire us.

If there is any publicity on campus to



be done such as dances, Blood Donor clinics or otherwise drop by SA and let us know we can help out with posters etc...

The elected student executives are there to help you and represent you should you require our help or representation. Our doors are always open so drop by the SA offices in the SAC and see what we are all about.

### John Watson, BCIT President

As President of BCIT, my ongoing priority is straight-forward: to make BCIT the best institution of its kind in Canada.

It's an exciting time for BCIT and for BCIT students as our vision for the future continues to take shape, with new campus facilities, a proposed new Downtown Education Centre, new course offerings in Maple Ridge and Langley, and the anticipated approval of our new technology degree.

Campus renewal continues enthusiastically, as you may have noticed on your way to classes. Numerous projects are nearing completion and others are well underway. A new Safety and Security office opened in January, and BCIT is eagerly awaiting the opening of the Connector Building providing needed administrative space and faculty offices.

At Open House April 8 and 9, we hope to break ground for the new Student Campus Centre, a campus focal point that will be a meeting place for the entire BCIT community.

After extensive planning, we're set to give our Downtown Education Centre a new home showcasing BCIT in downtown Vancouver. With an increased presence downtown, we'll be better able to take our training to students and industry.

As the Lower Mainland grows, BCIT grows with it. With a significant popula-



tion shift centred in the Fraser Valley, we've started to deliver our job-oriented programs there through part-time and evening offerings in Maple Ridge and Langley.

Through the dedicated efforts of numerous individuals, support for BCIT's Bachelor of Technology degree has continued to grow to the point now where we anticipate government approval.

In the works for years, it will give students a practical degree option in post-secondary education. Developed in concert with business, industry and government, it will be a valuable real-world credential, combining advanced academic learning with important practical skills.

## BCIT men's indoor soccer takes bronze

Congratulations to the BCIT men's indoor soccer team. Last week they took the bronze medal in the college indoor Futsal championships.

The finals were held last Friday at Capilano College where the fourth placed Cougars faced first placed Trinity Western University in a semi-final match.

The Cougars started strong with an early goal but fell to Trinity Western

University's powerful offence. The final score was a disappointing 8-1 for Trinity.

The Cougars rebounded from their loss in the consolation match. Facing second placed Okanagan College, BCIT played with a vengeance, stomping the boys from the interior 10-3 and clinching the bronze medal.

Collin Thomas ended the season as team scoring leader with twelve goals.

## Cougars alive, spiking

by Trent Houg

BCIT's men's volleyball team is so close to advancing to post-season play they can literally taste it.

As the men hit the floor Friday evening at Douglas College their fate lay in their own hands. The scenario was quite simple, win and there is another night for volleyball for BCIT. Lose and the rest of the season is academic.

Since the whistle blew to signal the start of the '94 campaign, the men's team have strolled onto the court 16 times. Thus far the Cougars have played some excellent matches against some very formidable opponents.

While Saturday night BCIT were on their home turf home court fanfare was almost non-existent. This didn't seem to bother the men's team.

But, it did seem to bother the women, as they continued their disappointing season with three consecutive losses to the Royals of Douglas College.

The men's squad fared better. The Cougars roared and chewed up the Douglas College Men's squad—squashing any Royal hope of Douglas College making it to post-season action.

Offensively the Cougars were lead by the in your face power hitting of Brian Mcleod and John Zuk. Mcleod started the barrage of devastating spikes in game

two, but tapered off towards the end of the night. While Mcleod was cooling his heels, John Zuk carried on the attack and began slamming them down at the Royals.

Defensively the Cougars looked pretty sound as well. Two huge blocks by Middle Blocker Dwayne Ferguson in game two, and in game four, kept BCIT within striking distance, before getting their offence back on track.

The Cougars used a variety of serves to keep the Royals off pace through out the contest.

"We used the lob serve quite effectively tonight, but as you saw we are prone to it as well," said Cougar coach Fred Lafleur.

If the team can survive one more weekend without a loss, the Cougars will find themselves sliding through the back door and right amongst the BCAA play-offs.

This weekend the Cougars will play host to the Kodiaks of College of New Caledonia. The Cougars have yet to face the Kodiaks this season so they aren't quite sure what to expect, according to Lafleur. "If we get a split at home we should go to the play-offs," he said.

The play-offs start March 4th and end on the 6th.

## RECREATION & ATHLETICS

### THERAPEUTIC MASSAGE CLINIC

Learn body relaxation  
through massage

Postponed to Saturday February 26

10 am to 2 pm

\$12 per person

### SCUBA LESSONS

\$175.00

Includes: All equipment (incl. all personal gear), 5 2-hr classroom sessions, 4 1-hr & 1/2 hr pool sessions, 5 open ocean dives, and PADI certification.

Wednesdays March 23 to April 20

Ocean dives begin the weekend after

Classroom sessions 7:30 to 9:30pm

Pool Sessions 10 to 11:30pm

### INTERMEDIATE GOLF CLINICS

Emphasis will be on  
stroke improvement

Saturday, March 26 or Saturday April 3

9:30am to 4pm

at the Langley Golf Course

\$32 for 8 hours of lessons

plus \$12 for balls and green fees

Some sets of clubs are available through  
BCIT Recreation and Athletics

### CO-ED SLO PITCH SOFTBALL

Division "A" Monday

Division "B" Tuesday

Division "C" Wednesday

Division "D" Thursday

Games 5:15 - 5:45pm (rain or shine)

Begins Monday March 28

\$20 per team

Minimum 12 players per team

**DROP BY REC & ATHLETICS IN THE SAC FOR MORE INFO**



# Information superhighway

Continued from page 1

Native Canadian, incorrect information on his computer file led to his wrongful arrest and detention in a U.S. Marine prison. He was released five months later after the error was discovered.

Police files also raise questions about trans-border data flow. Because of agreements with Interpol and the FBI (whose computer contains dossiers on eight million Americans, and is accessible to 64,000 police agencies nationally), detailed information on Canadian citizens is often transmitted internationally, thus falling outside of Canada's privacy regulations.

Sizable dossiers on individuals can also be accumulated by methods of surveillance. The National Security Agency in the US, for instance, has the computing ability to interpret and analyze 70 per cent of all the telephone, telex, data and radio transmissions generated on the planet. The technological capabilities of the totalitarian governments of George Orwell's 1984 are, essentially, already in effect.

## ABUSING INFORMATION

"The ability of the computer to collect, organize, and distribute information tends to enhance the power of the bureaucratic structures who harness the computer to achieve their goals," wrote David Burnham in 'The Rise of the Computer State'. Critics claim that detailed government knowledge on individuals inherently leads to pressure to conform. As was said during the US Senate's examination of privacy rights:

"The chilling effect of pervasive surveillance will inevitably destroy any society's capacity for dissent, non-conformity and heterodoxy. Subtract these elements from a libertarian democracy and you have totalitarianism."

A frightening picture was painted by George Fierheller, chairman of ITAC, an organization which recently held a conference in Toronto to discuss the ramifications of the information superhighway.

"The concerns are not as much about what is happening as about what may happen," he said. "When you run into huge computers, it opens up more and more possibilities for abuse."

Such abuse includes information being stolen, as in the 1986 theft of Revenue Canada microfiches, containing personal data on 17 million taxpayers; mishandled, as when the Canada Employment Centre in Sarnia, Ont., mistakenly faxed detailed

data on four individuals to the local newspaper; or studied, as in Sweden, where for 20 years sociologists examined 15,000 people without their consent, by probing government files.

Given these dangers, Fierheller says the handling of personal information should be guided by certain principles.

"People should be able to determine what information is there," he said. "Secondly they should be able to check what is there, and thirdly there should be an ombudsman to go to if you think your information is being abused."

Although many privacy principles are already codified in the Privacy Act of 1984, its effects are limited because of three factors: the power of the

Privacy Commissioner is purely advisory, the private sector is not covered (except in Quebec, the first province to enact such legislation), and the individual's access to information is limited by the powers of federal agencies.

"While the Privacy Act gives Canadians an impressive array of access rights," Privacy Commissioner Bruce Phillips wrote in his 1992 report, "it also gives government institutions a vast arsenal of exempting provisions to defeat them."

The Canadian situation is at least superior to that of the US, where the government possesses four billion files on citizens, and where 84 per cent of federal data banks have no legal mandate to collect the information in their possession. But, wrote Phillips, concerns about the efficacy of Canadian privacy protections remain.

"A society which casually accepts the existence of dossiers of unknown accuracy in unknown hands on millions of individuals, and with no right of access or correction, is a society which is recklessly indifferent to preserving that most basic privacy right: the right to some control over what others know about you. Yet this is the situation as it now stands."

The fear remains that with present computing abilities, the desire of business and government for personal information will go unchecked.

As the head of a New York City investigative firm said: "Privacy is an absolute myth. When you're born, the first thing they do is take a footprint and fill out a birth certificate. You go to a doctor, they keep medical records. You go to work, you buy a car or a house, there are more records. Your life is continuously open."



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