## Volume 3, Number 1 <br> THE NEWSPAPER FOR SCIENCE STUDENTS <br> September 6, 1989

## PIZZA!!!!

by Aaron Drake
David's story is a sad one. It was the night before his final exam. He was hungry. He was tired. He ordered pizza.

The tragedy unfolds. Unwittingly, David ordered pizza from the worst pizza joint in town. He waited in the commons block of his residence for seven hours. When the pizza came, the delivery boy, who was loaded on crack, demanded a tip. He didn't get one.

When David awoke the next morning in the hospital, the pizza was there beside him: cold, stale, and completely unappetizing.

They even forgot the extra mushrooms.

224-0001. Arguably, for UBC residents, Panagopolous is the best bet. While the pizza is average, the prices are better than most. What makes this pizza stand out, however, is the courtesy of the people working there. They almost always deliver on time, if not ahead of time. The drivers are friendly and make an honest effort to get you your pizza. They will deliver anywhere on campus, unlike most other businesses. Give them the building and room number and they will bring it right to you. 2) Sasamat Pizza. 224-3333. Here we have the granddad of local pizza. Sasamat has been a favorite of students for years,
is friendly. The prices reflect the quality, however. Any two for one joint is cheaper.
4) White Tower. 738-9520.

What can we say? Good pizza. Good service. Expensive price. They deliver.

## Ordering pizza is a serious business. Go in with your head up.

## THE WORST

5) Brick Oven Pizzeria. 2281822. Placing Brick Oven in the company of the pizza ioints continued on page 4



Don't let this happen to you. Ordering pizza is a serious business. Go in with your head up. Being new to the university will be no excuse when you get a small pizza instead of the large that you ordered. And for GOD'S SAKE, order only two-for-one specials, unless you have a craving for cuisine-but hey, you're a student: you can't afford taste.

So here they are: all the pizza establishments in the area that deliver to UBC:
THE BEST

1) Panagopolous Pizza.
being one of the first to introduce a two for one special. The prices are good, and the staff are well versed in handling cantankerous students. Be warned, though. Sassamat is famous for greasy pizzas-the ones that go down oh-so well at three in the morning. 3) U.B.C. Pizza. 224-4218. This gem can be found in the village, right beside the Chevron station. Their proximity is what makes them one of the best. U.B.C. pizza isn't a typical pizza joint-it's a restaurant. The food is excellent and the service


## The 432

[^0]
## Editor's Message

If you take a walk along East Mall, you'll come to a humble little monument to UBC. It's nothing really; there is a little stone cairn with a plaque. On that plaque is the motto of UBC.

Tu um est: It is yours.
Another translaltion is, It is up to you. I think this one is more fitting of UBC.

The university does not cater to the student. Many first years, not knowing this, walk into the school year with their heads down. This is not high school anymore. You may come and go as you please, and no one will be behind you telling you to read a chapter or do your homework.

The student has to cope with a type of culture shock, going from the rigidity of high school to the freedom of university. There are programs to help the student get by, such as seminars on improving study habits, but these are few and far between.

The truth is, you are being forced to learn free will. The time to be taught has gone. Now is the time to learn. No one will look over your shoulder and say "This is what is the truth," but instead there will be someone who will say, "This is what we think is going on." My teacher in grade 12 told me that quasars were large distant galaxies. My astronomy professor told me that they may be large distant galaxies. The word may interchanged for is makes all the difference, because now it is up to me to decide what is right.

In your classes, your professors will be teaching you their opinions, but by no means do they expect you to adhere to them (with exceptions of course - watch out for English profs). Don't make the mistake of accepting their word as gospel. If you do that you will be parroting instead of learning.

The university doesn't want parrots, and that is why the system works like it does. You can't have total freedom
of your beliefs if a professor or counselor leads you around the campus by the hand. Do you want to learn today? Fine. Do you want to skip classes? Fine, it's up to you. The option is there. No one will come around and shoo you to class.

Yet, the sudden release from the confines of high school is dangerous. Too many students wander around in a daze for the first while of school adjusting to the freedom They are like prisoners released from jail, wondering what to do now. In the long run, they find themselves not attending class and not studying. Then they scramble at the end of the term to get a passing grade so that they can repeat the process all over again.

Don't fall into the trap. Go in with your head up. You've been given total free will. Use it wisely. Choose to learn. It's up to you.









## CHEMISTRY CLUB

The Chem Club would like to announce that its first meeting will take place in Chem 222 on Thursday, Sept 7, at 12:30.

Amyone. Interestedinl
 comaged owatind the mectmgand helpstart onfiliek hew year. Ler:
 Pleasemeontach Sylian at 988681 s

## DID YOU KNOW

that Ernest Hemingway began as a writer for HIS SCHOOL NEWSPAPER?

Well, maybe he did. The point is that if you want to be a writer, the best way to do that is to write. Anything.

Get down to Chem 160 for cryin out loud! Unlike certain unnamed newspapers on campus, you don't have to subscribe to any particular outlook on the establishment to write for the 432 . The truth is, we don't care about your silly-ass opinion, anyway. But we do want your talent, and we want you to write about whatever the heck is on your mind.

The 432 needs writers, photographers, artists (cartoonists! We need cartoonists!), and editors. Drop by CHEM 160 and give us your name, a submission, or advice. Yes, we welcome advice. For more informa-

## SUS Council Needs You!

SUS council is composed of the Executive, elected in March, plus representatives from all year groups, departments and clubs in Science.

Club representatives are appointed by the club concerned but year and departmental representatives are elected by their peers.

Becoming a representative on SUS council will enable you to get involved with the society at the decision making level. You will also get an opportunity to meet more or your fellow Science students as well as some of the other motivated eccentrics that make up the SUS council

Duties of Representatives on council include attending meetings (specifically: weekly SUS Council and Academics Committee meetings as well as the one or two
faculty meetings that happen during the year), voting on behalf of their represented group at meetings and helping to keep Science students informed of important upcoming events - either via posting posters or doing in class announcements.

## If yథu ære inmterested inm becominimg e coumeil reppresemtative them $\mathbb{H} U \mathbb{R} \mathbb{R} Y$ : <br> Nominations open September 7th and close on the 22nd

## For more information contact SUS at our office in CHEM 160 (tel 228-4235) or talk to your local Science Club executive

## A LONG TIME AG O IN A GALAXY FAR FAR AWAY...

## by Derek K. Miller

Having been at UBC now for more than three years, I have come to assume certain things about the way it operates. Somewhere in the back of my mind I thought (even though I knew otherwise) that the AMS had always been in SUB, that Science had always been a strong campus presence (or at least a faculty), and that, in essence, things had always run the way they do now. Engineers had always been obnoxious, the Bookstore had always charged too much for books, and Artsies had always complained about how obnoxious the Engineers were.
A little while ago my mother, on one of her visits to town, presented me with something she had dug. out of her voluminous archives. It was the 1956-57 UBC Student Directory. Flipping through it revealed that, in many ways, I was right in my thinking; in others I was totally, completely, and utterly wrong.
At the time, UBChad 7000 students, the AMS fee was $\$ 18$ a year, and the budget was $\$ 250,000$ (it's $\$ 1.3$ million now). One of the AMS Council members was a former Miss Canada, the Ubyssey came out three times a week instead of twice, and every student at UBC was automatically covered by accident insurance. The Bookstore had just moved into the Bus Stop location on Main Mall, the Biology Club and Physics society both lacked presidents, and White Spot guaranteed eight parking spots at every restaurant. Here are some excerpts for your bemusement:
"This is the abridged edition of the Student Directory and Handbook...all the generous fund of information traditionally supplied on these pages had been incorporated into a new publication, 'Tuum Est... and all that,' and distributed amongst the Frosh. The idea behind this deletion was simply that after the freshman year few, if any, students, really need the informa-
tion that was so painstakingly set out...There will be no short lecture on Tuum Est."
(Referring to Peggy Andreen, AMS Secretary) "Contrary to student opinion, sitting on Mr. Jabour's (The AMS President) knee is not part of Miss Andreen's job. She does that because she likes to."
"Marc Bell (Clubs Committee Chairman) is studying ecology, which he says has something to do with plants. It sounds dirty to us though."
"The office of the Dean of Women must approve all applications for women's housing fa-
by David W. New
To those dedicated eggheads who work on campus, the last week in August is marked by the annual trudge of Foresters up and down Main Mall. They go in pairs joined by lengths of carefully measured rope or wire. They move forward steadily, slow, stop, bark a brief command at each other, and the front forester hammers a spike into the ground while the rear forester pulls one up. Then the whole episode starts again.

Each pair traverses the length of the Mall, from B-Lot to the Faculty Club, at least six times. There may or may not be prizes.

It seems a rather involved fashion to learn one's way around. But perhaps it works. The Ubyssey has never published a story about a forester getting hopelessly lost outside the MacMillan Building. And the maps UBC provides its incoming students with have never helped: there are pseudo-isometric projections in the calendar with no index and only half the buildings marked, ancient billboards around campus which still place the Bookstore at University Boulevard and Main Mall (whence it moved in 1981), and library maps which define buildings' rough outlines enough to be recognizable to any Ph.D. student.

Personally, I haven't had much trouble since the beginning of first year, when I walked into the Faculty Club thinking it was Totem Park, stood for an hour in front of the Henry Angus Building under the delusion that it was the Math Annex, and nearly missed my first class at the university when I spent
cilities whether on or off the campus. Applicants should enquire further at the Dean's office, Room A, in the Arts Building."
"Freshmen should heed this warning that campus coffee, despite its unpalatable taste and disquieting viscosity is to be unquestionably accepted as one of the traditions of UBC. It is, in the this respect, much the same as the football team, having always been that way."
"Women students, being the dainty things they are, are provided with Common rooms on the second floor of the Arts Building and at north end of Brock Hall in the smartly decorated Mildred Brock Room. A major project of the Women's Undergraduate Society last year was to relieve the rooms of their stiff, Victorian atmosphere."
"All cases of illness, including a
common cold, developed during the academic year, MUST BE REPORTED TO THE HEALTH SERVICE AT ONCE - personally, if on the campus, or otherwise by phone. After an illness, students must report to the Health Officer for an inspection before re-admission to classes."
"Campus organizations are required to hire either student or union dance orchestras for their social functions. Clubs which are in doubt about this ruling should check with the Coordinator of Activities."
"(Parking) fines are $\$ 1.00$ a time, a welcome change from the traditional fining policy, which was based on an acute understanding of geometric progression."
"Famous Players downtown and continued on page 8

## New Shoots

## Episode One: Direction

an hour trying to find my way through Chemistry.

So, specifically to first years, but also to everyone else who's at all likely to venture into areas of campus never before seen by human eyes - or their own, anyway - I encourage you all to head by the SUB and grab an Inside UBC. Yes, this is propaganda, but with a point. This year's Inside $U B C$ has the best campus map I've ever seen in my life. It's got all the roads, all the buildings (including CPAX, whose fences they finished

The Ubyssey has never
published a story published a story about a forester getting hopelessly lost.
tearing down just the other day), and even all the paths in the Nitobe Gardens - they're all labelled and they're all indexed over three pages, with addresses.

> I'm impressed, anyway. If I ever see a pseudoisometric map in another university publication, knowing that such a wonderful tool as this new map exists, I doubt I'll let its editors get away with it. Why, I'll write letters ... I'll boil them in carrot juice ... I'll...

Well, I'll write letters,
anyway.
The only thing left for the University to do now is to crack down on the room numbering system. Every building on this campus has its own system - except Chemistry, which assigns numbers at random - and none of them make
any intuitive sense. Perhaps the Administration thinks this is funny - an idiot-proof way to make sure only geniuses (genii?) manage to attend their classes. Perhaps the higheryear students think this is funny - an old Ubyssey headline in the Pit reads, "If You Can't Find Your Way Around, You're Too Stupid To Be Here Anyhow." Perhaps the AMS thinks this is funny - they seem to treat bureaucracy as an art, and frequently commit it for its own sake. But one thing is certain: that this travesty of rationality cannot be considered funny! The architects are smiling now, blissfully oblivious in their aesthetic bungalows, but they'll be the first against the doors when the revolution comes!

Yes, something can be done! Let a law be passed requiring that all odd-numbered rooms be facing north! Decree that four-digit room numbers be permitted only in buildings with ten or more floors, and one and two-digit numbers never! Stand for this blatant chaos no longer! Fear not - rather, fight for your sense of direction! On the other hand, I suppose it does make for a convenient excuse.

[^1]
## Hey you!



If you're a first-year, a frosh, a freshman, or merely someone who's just starting university, then arrive at CHEM 150 - the big lecture hall in the basement - on Thursday the 7th!

| If Your Last Name | Then Show <br> Up At: |
| :---: | :---: |
| Begins With: | $12: 30$ |
| A, B, C, D, or E | $1: 00$ |
| F, G, H, I, J, or K | $1: 30$ |
| L, M, N, O, P, Q, or R | $2: 00$ |

And whether you're a frosh or not, show up at War Memorial Gym at 3:30 on Thursday for the University's big Welcome Back Ceremony do! (All late afternoon classes cancelled!)

## Like, be happy, dude.

## NOTICE NOTICE NOTICE

Friday, November 17, is the Science Undergraduate Society's big big bzzr and band bash!! Tickets are $\$ 5$ and include one free bzzr or pop. Look out for further details on posters and advertisements later!
Get your tickets early from Chem 160 or SUB Box Office.

## PIZZA!!!!

continued from page 1
below is an injustice, but the above four, for various reasons, are better for the student. The Brick Oven bakes their pizzas in a real brick oven. The oven is wood-fueled. The pizza is truly unique:the crust has a very distinct flavor, given by the wood fire around it. I recommend the Brick Oven if you are going out on the town; of all the places listed, the Brick Oven is truly a restaurant. However, the prices reflect the quality. The minimum order for delivery must be $\$ 20$.
6) Dunbar Pizza. 224-2233. While not a horrible pizza establishment, Dunbar Pizza is mediocre. The pizza is average to poor in comparison, and the staff are not all that friendly. They aren't too reliable. Sometimes they close early or open late. Its redeeming feature is its blandness. The pizzas aren't horrible. They will deliver at no charge, and it will get there.
7) Pizza 222. 222-2222. All you've heard about Pizza 222 is true-true-true. The crust is
thin, the sauce is bland, the toppings sparse. The last time I ordered pizza, I was put on hold for two minutes. I had to listen to-God help me-MUZAK!
8) Johnny's Pizza. You don't want the phone number. I can honestly say that each of the three times I've ordered from them, I've had to wait for two

## I can honestly say that each of the times that I've ordered from Johnny's Pizza, I've had to wait for two hours. Do. Not. Order. From. Johnny's.

hours for my pizza. That was IF I got the pizza at all. A typical phone conversation would go like this:
(Dial the phone.)
Ring.
Ring.
Ring.
Ring.
"Johnny's.Hold." Click, and dead silence. I'm still in the middle of my 'hello?' After about fifteen seconds, I'm
taken off of hold.
"Johnny's."
I pause, a little uncertain.
"...Hello?" I venture.
"Yah. Johnny's," comes the reply, in a hurry-up-dammit tone.
"Do you deliver?"
"Yah." Dead silence.
"Can I get a two for one deal?" "Yah."
I order the pizza. Is that the end of it? I'm afraid not. With
Johnny's you have to follow up. You have to phone them and remind them that yes, you are still waiting for your pizza.
Do. Not. Order. From. Johnny's. Pizza.
SPECIAL MENTION
IT's hard not to mention Bella Pizza, but I didn't because they do not deliver. Bella's pizza is one of the best in Vancouver, and has the added bonus of coming by the slice if that's what you want. Unfortunately, Bella does not deliver out to UBC.

The will not be resoonsible Sor ary hardstips theurred il you choose to ignore this. Fanticle which took five years it research. We estimate: ihat we ate aboul seven hundred pizzas:

Answers to That's Trivial on page 8
1.Miss American Pie.
2.Def Leppard.
3.Girls on Film.
4.Sting.
5.Cream.
6. Martin Luther King Jr.
7.The Sex Pistols.
8. Miami Vice.
9. Satisfaction (Rolling Stones). 10.Midnight Oil.
11.Valium.
12.Beth.
13.Woodstock.
14.Bob Geldof.
15.Marilyn Monroe.
16.David Jones and the Lower Third.
17.Janis Joplin.
18. Louis Jordan (1945).
19.Nuclear Fallout. 20.Joe Liggins, Sugar Lump, 1946.

BQ: Alan Freed.


Do. you remember. that iltie trouble we had last year aboul our tilion fees going up 10 थी that meanl an anacitional in: conte: of around four mile ion:

They said that the money was desperately noeded and ther hands were tied: They had to raise ourtil: ion:

Well if you were to walk over to the rorth sice of the SUB, you would see the rew home of he UBC fotem pole: n a cute litle garden:

The price? About wo mit lion øollars:

Desperatelynneeded? Hey mere's wo millontet lo. pay tor expense ace comits

And to all you firs years: wetcome to UBC. Please Wak stooped over so that yourlo carin kiss the administration's ass:


Thank you, oh Lucifer, for helping us to create this issue of the 432 . Thanks, Beast, for your 60MB of hard memory, for without you, Lucifer, the exalted SUS Macintosh SE would be an expensive paperweight.

That's the way it was, Volume 3, Number 1, Wednesday, September 6, 1989.

Editor: Aaron C. Drake
Writers (in no particular order): Devan Fauste, Aaron Drake, David W. New, Ari Giligson, Derek Miller, Antonia Rozario, David Way, Tanya Rose, Keith McCall.

Artists: Ken Otter, Aaron Drake
Layout: Aaron Drake, Ari
Giligson, Derek Miller, David W. New

Printed by College Printers Ltd
The 432, believe it or not, is a serious paper, with a circulation of 4000 wacko science students. As silly as it seems, writing for this paper provides invaluable experience and might even help you get a $j o b$. Don't be shy. Drop off an ar ticle, letter, or cartoon, and you have my undying gratitude. If it's good, I might even buy you a beer Ha. The 432 needs your input and your support so please submit.

Have a nice day.

## SCIENCE

SALE
begins Tues. Sept. 5 in Chem 160
*Save almost 40 \% on Bookstore prices
*Bookstore sale price: 500 sheets for 3.99 (400 sheets for 3.19)

OUR PRICE: 400 Sheets Hor 82.88

Wait to buy your paper and save a bundle.
Proceeds to student activities and not to administration profits.Sponsored by SUS.

## Hey dudes and dudettes, would this look hot on a Neon T-shirt or what?



If you like this design come in and pre order a $100 \%$ cotton flourescent shirt fromScience Sales.

## Science sales can

 custom silkscr eens for your Science intramurals team -- but orderEARLY!

If you have some graphic art skilland think that you can come up with an even better design then the SUS will be glad to provide you with a portfolfo opportunity

Science Sales will soon have all your favorite Science stuff available some sizes still left over from last year

## The Art Of Science

## by Devan Fauste

I read, a while back, about a supercollider being built in the US which would help us study the conditions of the universe as they existed fractions of a second after the Big Bang. Everyone was excited all to beat heck, anticipating leaps in knowledge of particle physics. The collider would cost two billion dollars.

Two billion dollars rolls off the tongue easily. Do you realize how much two billion dollars actually is? For two billion dollars, you could put a student through university for the next million-plus years. You could buy Mexiburger platters from the Pit for everyone in China.

But if you sit a particle physicist down, if you can slow one down long enough to talk to him, and ask him what benefits mankind will achieve from this, what kind of answer do you expect?
"Er, ah..."
Precisely. Confirming the presence of a Higgs boson cannot in any way spin off great technological advance. To create a Higgs particle costs two billion dollars! Scientists can't use the excuse of technological furtherance on this project. Knowing the conditions of the Big Bangs first microsecond is a pursuit that only satisfies curiosity.

Then, why is this supercollider being built if it is only a toy for particle physicists? God only knows; somehow, the lobbyists managed to convince congress that it was a worthy pursuit. Now, the United States has a giant colliding ring that won't help at all in advancing a cure for cancer. They have giant radio telescopes that search for intelligent life, but they still don't have a national medicare program.

Priorities? It's in the dictionary, right after Pompous Pursuit of Physics.

The point is, a supercollider is pointless. How long do
we give a scientist expensive toys when the only justification for these toys is the pursuit of trivial knowledge. Yes, that's right. In comparison to a tidbit like superconductivity or the technology to transplant organs, the Big Bang is trivial. The pursuit of a wonderful theory of the beginning of the universe belongs on the blackboard until they can think of a way to confirm it that costs less than the gross national product of a small developing nation.

The pure scientist would argue that to limit the pursuit of

> How long do we give a scientists erpensiue toys when the only justification for these togs is the pursuit of trivial knowledge?

knowledge by denying funds is a violation of a basic right and can only serve to erode freedom. This argument can be shot right back: how can science justify spending two billion dollars on a supercollider when that means there will be two billion less dollars to spend on a cure for AIDS? More important, though, is the question of who is in control? Is the tail wagging the dog? Are we letting the fear of limiting the pursuit of knowledge cloud our vision? Scientists tell us the only way to confirm a theory is to spend two billion dollars. If we don't, then study in that realm will eventully become stagnant. Morally, don't we have the obligation to fund the pursuit of truth until the end?

We must always pursue truth, and we must never deny someone the chance to pursue it. At the same time, however, we must give certain knowledge and truth priority over others.

The building of a supercollider could have waited until more important projects received funding. I mentioned AIDS research before; how long would it be before a cure was found if unlimited funds were poured into the medical community? Two billion dollars would go a long way.

Two billion dollars would be appreciated by those studying supreconductivity. Two billion dollars would surely see a new method to dispose of toxic waste. Two billion dollars would feed the ghettos.

Yet people in America go hungry. People die of diseases while research starves for funding. Somewhere down in the Southern United States, however, a handful of people are finding out exactly how the quarks recombined at the beginning of the universe.

These people spent two billion dollars to live in the past.

Devan falsemill hamanegunt

 Mie 33 encourages responses in any
 Ophion does horainayskilecthe
 whiokrourciefitias.

the science UNDERGRAD SOCIETY is actively soliciting any photos, records, publications or memorabilia for our archives. No matter how trivial it may seem, any information will help us reconstruct our history. Early Science jackets are of particular interest. If you wish to keep the items, we would be glad to photocopy or photograph them.

Call 228-4235

FOR BIOSOC
The Biology Society

... that the odds of two people in the same room passing gas within thirty seconds of each other are 5760 to 1 against?
...that the odds of two people in the same room passing gas within thirty seconds of each other if the first one is heard is only 17 to one against?
...that a person weighing 70 kg with constant nonstop flatulence would accelerate to $99 \%$ of the speed of light in only 512 years?
...that if everyone in China farted simultaneously at midnight, the earth would be knocked out of orbit and would fall into the sun, sending us all to a horrible fiery death?
...that if everyone in the world except China farted simultaneously, the earth would compress, and the resulting increase in pressure would cause a horrendous jet of magma to shoot out of the earth's center, through China, killing each and every person there?

## CommentAri

## (Well Aaron thought it was a clever name)

Let' start with a few facts to clear up confusion about undergraduate societies.
-Each school or faculty at UBC has a specific student society associated with it.(Eg. Science, Arts, Engineering, Nursing, etc.)
-A provision of the Board of Governors makes clear that students in each school or faculty shall be members of such a student society and shall pay an appropriate fee. (Eg. Science=\$10/yr. Arts=\$7, Engineering=\$18) -Each such student society sends representatives who, along with the AMS executives, comprise the AMS (Alma Mater Society) council. -The AMS is the overall governing body of student societies at UBC

So, what does each of the societies do with their money? Many of them hold beer gardens, sell clothing, put out a newsletter and provide a place to eat lunch. The SUS (Science Undergrad Society) does these things and more. In fact I'm convinced that
SUS members (ie. all Undergrad Science students) have the best opportunity to get the most for their membership fees.
"But hold on a minute," you say,"why are these SUS people constantly putting up posters and banners, harassing me in may classes, trying to get me involved in all sorts of intamurals sports and activities, etc, etc?" Because we are convinced that there is more to a University education than listening to lectures and reading books. Of course that sort of stuff is important but if it were the end all and be all of University then we may all might as well be taking courses by correspondence.
"So, what is important at University?" The people. I mean the Students (no matter what faculty they may be registered in), the Proffessors, the T.A.'s, the janitors, the vagrants. Everybody here on campus is part of this strange and wonderfull University environment. They all have thoughts and ideas. Some of these peoples ideas you may have read in texts, some ideas you may have suspected that only you alone held and some ideas that you have never conceived.
"You mean to tell me that I will become a more well rounded person by attending a beer garden, or dance?" Yes. If you have never been to a club beer garden at UBC then you are missing a lot. You don't have to drink beer to gain acceptance, and you may find a few faculty members there who you had never considered to be real people, in fact, are. And who knows, you may meet that very interesting male or female that you sit across from in lecture.
"Alright, but why are you people constantly trying to get us involved in sports? I mean, I'm no Jock." The SUS has very close links to UBC intramurals. Intramurals has fun and exciting sports teams and

## Sports: the SUS way of Getting in Shape

## By Keith McCall: SUS Sports Director

Let it be known that Science Students not only work, but play as well. This year, Intramural sports at UBC is offering, once again, a huge variety of sporting events. There's only one "real" way for a Science Students to get on a winning team: come to SUS.

The Science Undergrad Society offers a way of staying in shape, and pays you to do it! Actually, every Science student who registers for an Intramural event costing more than $\$ 6.00$ per person (exc. Arts' 20 , Storm The Wall) gets rebated $50 \%$ of the cost of entering the event as long as you register as UNIT Science.

You see, every year there is a competition between various Undergraduate Societies (Oh..say, Engineers) to see who will prove that they have the most spirit. We all know that SCIENCE has the most spirit, so we try to gain the most Intramurals sports points to prove it. Two years ago Science won the overall title in both Women's and Men's, and last year won the Wormen's title but just narrowly were beaten by the EUS (Engineering) for the Men's.

So, come out and participate in a variety of events, read the UPCOMING SPORTS EVENTS every time you read the 432. Register with us during the times noted to get your Sports Rebate! Have a great year with Intramurals and SUS: THE YEAR OF THE FIRST YEAR STUDENT.
programs suited for both the proficient and also just those who like to go out and toss a ball or frisbee around for a few hours just for fun. Quite a comaraderie builds up in an intramurals team, especially a Science or a Club team (thus we encourage inter club competitions). And there are fewer harsh feelings between club teams when they realize that even if one of them lost they both earned sports points for the SUS. Don't forget faculty members are also encouraged to participate in these intramurals events for Science and will receive partial rebates from SUS. And, if you think all this sports stuff is just that horrible, icky male/female bonding - wrongo - most events have co-recreational teams.
"What if I just wanted to check out what you SUS guys are up to without making any heavy committment?" Simple, come by the office, read some of the postings we have up for participation in small projects or events, go to a social event, buy an article of clothing, read the 432 ( thats what your reading now - and it comes out every two weeks on wednesdays ), go sit in your local club office at lunch time and meet some of the people there.
"And if I do want to come help in a more involved way?" Then run for election as a Year or Departmental representative, become an SUS Sales Person, help us put up posters for events or come by the office and ask how you can help. If you wish to see how SUS council works we hold weekly meetings in SUB (Student Union Building) in Room 206 or 212 on Thursday at 1:30.

A final word. Don't go through your 4 years of an undergrad degree at UBC with your head down, trapped in tunnel vision. If you are in first year don't be afraid to meets new people. Of course it's easier to hang around with the people from your high scool or your residence but if you take some time and use some bravery you will discover that you have much in common with many of the people around you even though they may not be from the same town, province or country.

After all, it is up to you - but we're here to help.
(Ari Giligson can be reached in various ways - use your imagination.)
Ar Gilgsonis our Beloved President, in his third year here at UBC. His dedication and perseverance sets a shining example tor us all: said al this with a straight face, too:

## Upcoming Sports Events

Event<br>Registration Date

B-lot Cycle Criterium Autumn Softball Tourney
Cycle Hill Climb
French open Tennis Tourney
Sept 5-15
Field Hockey (7 a side)
Ice Hockey (Women and Men)
Handley Cup Soccer
Logan Cycle 200
Broomball Bash I\&II
Sept 5-22
Arts '20 Relay
Sept 5-27
Volleyball (Men, Women and Co-rec) Ball Hockey (All leagues)
Basketball (Men and Women)
Sept 5-29

## Rec Fac Take Two

( the second Recreation Center Referendum)
In 1988, the AMS held the first Recreation Center referendum which passed with a majority vote of $60 \%$. Subsequently the University increased student tuition. As a result of the increase, some AMS members brought forth a petition requesting a second referendum.
The wording of the new referendum question shall be: "Are you in favour of continuing the $\$ 30$ annual fee that has been added to your AMS fees for the construction and operation of the Student Recreation Center on McInnes Field next to SUB?" The center is to include:
-a gymnasium similar to the size of War Memorial Gym
-dance and martial arts areas
-club offices, storage, meeting places and quiet inside seating
-UBC intramurals sports storage and offices
-modern locker area
Cost: Construction(phase 1) $\$ 9.5$ million, Operating $\$ 200000$ per year.
At the SUS Council meeting of the 7th or 14 th we will be deciding our stand, if any on the

## HOW NOT TO STUDY

## by Antonia Rozario

If I had listened to some of the advice certain 'professionals' have given on how to study effectively, I would be out of school and cleaning toilets in prisons by now. Whenever I have reflected on the reasons behind my substandard grades, I have always come to the same conclusion-I am totally irresponsible and completely lack any effective study habits.

The only advice I can give to the reader is to keep the following set of points in mind. This is a list of what NOT to do (which I do, consistently).

Do not study near a refridgerator, freezer, or other food source.
Chances are, by the time you've studied $1 / 4$ of your notes, you will have consumed 8000 calories and your face will have taken on a pizza-like appearance.

Do not study near a TV set. -Try as you might to concentrate on the work at hand, your efforts will be in vain. David Letterman reruns will start to look good,

## CLASSIFIEDS

## WANTED

Wanted to buy: Sharp 5050 calculator. Phone 228 3116. Ask for Aaron.
Wanted: one sus president to replace the current one which has replace the current one which has Hi! This? Nothing, really. Hey, put that down. Ari, no! Please! Chat down. Ari, no! Please!

## MESSAGES

т.t. Why are you never home? Call me. F.D.
Physsoc Message \#1: Dont fool yourselves! Physics is reality! Physics is power! Gain ETERNA knowledge from the equations of MAXWELL! Learn the secrets of the mystical electromagnetists! Ya getta use the microwave, too. Room 307, Hennings. $\$ 5$ gets you a study carrel, a Physsoc ID card, and admittance to the Secret Society of the Quantum Mechanics!

Andy: Betcha wish you were in Science. More chicks. Gung-Ho.

Physsoc Message \#2: With Physics you will learn the secret of the great Coke Machine in the Physsoc lounge! Pop for only 65 Physsoc lounge! Pop for only 65 pennies! Oops-gave away the Hennings building.
and you will find yourself compelled to watch how Cagney's ingrown toenail surgery turns out.

Do not live within an hour's drive of a 7-11.
-Eating dinner there for more than three consecutive nights will make you look like rectal tissue and smell like rancid bacon.

Refrain from drinking more than17 cups of coffee in a night. -Keep in mind that your 3-hour exam is tomorrow : you will probably bring your bladder into the exam room.

If you have already disobeyed the above rule, do not forget to consume large quantities of rock salt.
-It's better to look like the Michelin Man than to piddle under your desk in the Armouries.

Do not study in Sedgewick's snack bar area.
-It may look cool to thumb through a 6-inch biology text,

## Personal to the Android fro

 the Steroid Plantoid: One!Antonia: HipHopHappy Birthday, and thank you very much, but we wants to cone over the gang that when we are REALLY hungry.

Physsoc Message \#3: Come out and join the oldest undergraduate club on campus. Only $\$ 5$ gets you a study carrel, the use of our rock and rollin library, plus massages from a naked masseur, and boy had you better compliment him on his technique. Microwave, fridge, sofas coming out of the wazoo, donuts everyday, cheap pop, noon hour lectures, and more! Room 307, Hennings. Free tutoring!

Lockers available in Computer Science building. Full and halfheight. Cheap rates. Come to CSCI 203A or call $228+3033$.
Personal to Android: Two:
Tobin: please post any classifieds that you would like to have in the 432 on the BULIETIN board, and no the chalkboard.

Nofiningon classieds sechontighs butonanyothen Massifed section! thatyongundidind oneampirs, Eutk lassifiedseosionly threfoblats, and
 Sciencestuden: IVII Cost You only Wodillats. ILe Havi Everyandik
 stabseninem \% E

but will you learn anything?!?
Do not take a short nap at 10 pm so that you will "wake up refreshed for further studying." -Chances are, you will sleep through the night and wake up 30 minutes after your exam has started. This is very upsetting and may cause your heart to beat 30 times its normal rate.

Do not recopy a legible set of notes just to make them "more neat."
-It's better to study a full set of notes written in crayon than half of a set written in calligraphy.

Do not study from anything called a study guide.
-These were written by people with minimal intelligence; they are aimed at students who will probably fail anyway.

Above all, do not ignore notes just because your professor guaranteed you that they wouldn't be on the exam. -Professors are, in general, schizophrenic. They will deny almost anything if they don't like your face.


## A LONG TIME RGO

Odeon theatres throughout the city accord a reduced admission rate to students upon presentation of (an AMS card)."
"Redshirts - very boorish fellows indeed."

The document also includes some songs and cheers, but I'll save those for another article. (By the way, it also includes a complete list of addresses and phone numbers of every student on campus.)

Derek Miller is our AMS
Rep: Obviousty beifg last
 wasmlyeormoughtoman

## THAT'S TRIVIAL!

by Tanya Rose

Do you want to play some trivia? Well, here we have twenty questions for you to test yourself on. The first ten are easy, and the next become prgressively harder.

Good luck!
Theme : Rock and Roll

## 1-10: Easy

1. What was the name of the song that told of the death of Buddy Holly? 2.What band has a one-armed drummer?
3.What Duran Duran video was banned by numerous television stations for being too steamy and explicit?
2. Who is Gordon Sumner?
3. What band did Eric Clapton play with before going solo?
4. Who is U 2 referring to in the song Pride (in the Name of Love)?
5. What band did Johnny Rotten belong to (before PIL)? 8. For what TV series did Phil Collins write In the Air Tonight?
9.What song was recently votedthe all-time best by Rolling Stone Magazine readers?
6. What band cried out the plight of the Australian Aborigine?

## 11-15:medium

11What was "Mother's Little Helper", according to the Stones? 12. What was the only number one hit by Kiss?
13. Where did Jimi Hendrix firstplay the Star Spangled Banner?
14. Who founded Bandaid?
15. Who is Def Leppard referring to in the song, "Photograph"?

16-20: Hard
16. What was David Bowie's first commercial band?
17. Who was the lead singer of Big Brother and the Holding Company? 18. Who was the first singer ever to have his music referred to as "rock and roll"?
19. What was Prince referring to in his song, "Purple Rain"?
20. Who was credited as having made the first ever music video (that is, a flick devoted only to promoting the song itself)?

BONUS QUESTION:
This fifties DJ is considered one of the fathers of rock and roll. He was a powerful force in the music world until his downfall at the hand of a senate comittee investigating 'payol'. His show was originally called "The Moondog Show". Who is he?
Answers on page 4
SCORING
1-10: 1 point
11-15: 2 points
16-20: 3 points


[^0]:    I.N. STEIN is a copywritten cartoon; if you wish to reproduce it you must have written permission from the artist, Ken Otter. Contact through the 432.

[^1]:     whice canamanty amost
    
    
    
    
    
     hithentiony them someeny 3unverem has euten at 1east me biget

