4,000

This is
~~incredible laziness~~
~~on our part~~
fiscal responsibility.

The 432

The Newspaper for Science Students. Vol 6 No 11 • 2 March '93

ELECTIONS CLAIM NINE

Vancouver (AP)—Last week, in an election likened by some as "a dark stain on the annals of democracy", nine Science students sacrificed their freedom in the name of UBC Science.

Those poor lost souls, who will be forming next year's Executive, are: Sarah Thornton, President; Laurie Yee, Internal VP; Stephen Coleman, External VP; Jason S. Holmes, Director of Finance; Delwin Yung, Director of Sports; Morie Chen, Secretary; Matthew Brear, Social Coordinator; Graeme Kennedy, Public Relations Officer; and this year's only returning victim, Ryan McCuaig, Director of Publications.

Coleman, who is currently Acting External VP (filling in for His Imperial Importantness Roger Watts, now AMS Director of Administration), was duct-taped to a building support in the Cheeze when news of his *(ahem)* victory was released, and he was consequently unavailable for comment. The other candidates for the position, however, wasted no time in congratulating him on his win. "Nah, I can't say I'm too disappointed," said Glen David, who finished just behind Coleman. "Steve's really going to be good, not only for SUS involvement, but for that of other faculties as well. I hear that it's his influence that has the AUS putting together a tanking team."

Thornton, for her part, evinced a reaction which can only be described as marginally interested when she learned that she was to be the new SUS President. Perhaps Thornton's most unique qualification is that she is a blackbelt in the exotic martial art of *chairido*. Though she doubts it will be necessary to apply any of the discipline's devastating gavel strikes or holds, she will be bringing her lighter wooden throwing gavel to meetings just in case. "If thrown correctly, it exhibits a lot of boomerang-style flight patterns, which is great for whacking unruly members upside the head across the room while still getting the gavel back," she said.

Once again, as is the hallmark of SUS Elections, apathy ruled the polls, as a whopping 274 voters turned out to show their support for their candidates. "It's kinda too bad, really," said Social Coordinator-elect Matt ~~Beer~~ Brear. "I had promised everyone that if they campaigned really hard and got 275 people to come out and vote, I'd have free beer at all of next year's functions. Oh well... maybe next year."

Some controversy was voiced by Society members after it was disclosed that Director of Finance acclamate Jason Holmes was a chief financial consultant for former Drexel-Burnham chief and convicted swindler Michael Milken during the mid-1980s. However, after a lengthy investigation, it was determined that Holmes had never worked for Milken, and that he had simply included the false appointment in his resume in order to secure a job with the Ministry of Finance. Said Holmes of the affair, "He's a darling man. I'd do it again... oh. Wrong affair. Sorry."

Complications of a different sort plagued Secretary-elect Morie Chen. It seems that Chen expressed dismay when she learned of Council's decision to forbid her from acting like Lara Flynn Boyle in *The Temp*. "It was determined that this sort of activity would be detrimental to good working relations within the office," said SUS Director of Bureaucracy Jon Campbell-Dinkleheimer-Smith, live via satellite from Bora Bora. "Especially the bit with the flying knives and what-not."

Public Relations Officer Graeme Kennedy was feeling reclusive and paranoid at press time, and declined any comment.

"I think I'm gonna have to give you five on this one, Stan..."

Da Figures...

President	
Sarah Thornton	175 Yes
	28 No
Internal Vice President	
Laurie Yee	128 (128)
Chris George	124 (119)
External Vice President	
Stephen Coleman	112
Glen David	75
Terence Fan	37
Larissa Puls	21
Director of Finance	
Jason Holmes	165 Yes
	22 No
Director of Publications	
Ryan McCuaig	181 Yes
	20 No
Director of Sports	
Delwin Yung	131
Bryan Tepper	91
Executive Secretary	
Morie Chen	165
David Skogstad	59
Public Relations Officer	
Graeme Kennedy	105
Keith Banerjee	71
Farheen Rawji	31
Social Coordinator	
Matt Brear	177 Yes
	18 No

Numbers in parentheses denote recount.

I don't know what Food and Nutritional Sciences would have to say about this, but I have a theory that just may help solve a few problems on this planet.

It goes something like this... everybody around here knows that there aren't enough hours in the day. We all could use a little more time every now and then. The only problem is that after a while, one gets a little run-down and tired and generally frazzled, and needs to go to sleep. Unfortunately, one then invariably needs to wake up exactly twenty-eight minutes into one's midterm the next morning.

Usually, this fatigue is brought on by low blood sugar, which can be remedied by either fixing yourself a nice icing sugar IV, or by eating something (far more enjoyable, trust me). Often a good snack will pick you up and keep you going for some time.

Which brings me to my theory. Suppose that the amount of time that one spends eating is inversely proportional to the amount of time that one spends sleeping. What this would mean is that if the time of eating were to approach infinity, the time of sleeping would approach zero; that is, if one were to eat constantly, you'd never have to sleep! Cool, huh? I mean, it works the around... Mozart sleeps like a log, and he hasn't eaten in 200 years!

Hey... whaddaya *mean* I don't get a research grant?

Eleven down, one to go. Deadline for the *last issue of the year* is March 15, 1993. So why not give your neurons a break and write somethin'?

The 432

Accept no substitutes.

ATTENTION ALL SHAD SURVIVORS!!

There will be a fun night of broomball and food for all who were able to endure the gruelling SHAD month. The event is planned for *Sat, March 27* at 4pm. Please contact Danielle at 224-9000 or Julie at 224-9921 before March 15. A minimal fee may be required, or it may be subsidized.

General Science Grad Composite '93

Sittings at Artona's **March 7–19**. Call Mary at Artona's (872-7272) to book your sitting. Contact Tim Lam at 822-4235 for confirmation.

"Bummer about that UN appointment, eh, Brian?"

Leona **ADAMS**

Ding dong, the chin is gone. That's right, kiddies. For those of you who've been out of the country for the last few days, your favourite uncle and mine, Brian Mulroney, finally threw in the towel. In response to the loss of a great political mind, I offer this musical tribute:

> *"You've got to know when to hold 'em, know when to fold 'em,*
> *know when to walk away,*
> *know when to run ..."*
>
> Kenny Rogers, *The Gambler*

Not that I'm really intensely sorry to see him go. It is my gelatinous belief (gelatinous because it's not quite firm, but it is definitely set) that the difference between two given political parties is somewhat akin to the relationship between positive and negative infinity. I'm not quite sure how they work, but somehow I get the impression that they're more related to each other than we realize. I mean, if you think that we will ever see the end of the Gouging and Screwing Tax, well, let me just say that I have some oceanside property in the Northwest Territories that I'd be interested in selling you.

Now Uncle Bri and I actually have something in common now: both of us are going to be job-hunting. Okay, so his resume will be a bit better padded than mine, but who's he going to get as a reference? A Canadian?

I've been thinking about my future and all that sort of neat stuff. The bad news is, I'm still not entirely sure what I should do with my life. The good news is, I do know what I don't want to be:

1. A journalist. You might think that just because I write for a paper regularly, I actually want to do this for a living. Wrong! With my deepest apologies to the ethical people, there are too many losers out there. Like the nincompoop from a paper (which shall remain nameless) who went to my mother's school recently looking for a photo of a girl whose parents had been involved in a domestic dispute which resulted in a murder-suicide. I mean, believe it or not, the public doesn't *really* want to know.

   Besides, there's always the little things, like people asking you to write about them. Jacq and Mitra, for example. The last time I went down to Vanier to laugh at them, they said, "Why don't you ever write about us?" So I promised to try for this week, but I couldn't think of anything, so I'm going to write about Jacq's puke-coloured model battleship. When I walked into her room, I immediately noticed it dangling from her ceiling and felt obliged to comment.

   "Nice ...", I said, stuck for a noun that would fully encompass the feelings produced by the shape.

   " ...Klingon battleship," Jacq finished easily.

   "Yeah, whatever," I said.

   You can bet that even established journalists get this stuff all the time.

   "Hewwo, Bawbwa Wawtaws speaking."

   "Hey, Babs, this is Bob from Springfield High!"

   "Hi, Bob, how the heck aw you?"

   "Great, but listen, Babs, I need you to do me a favour. I'm just about to open my latest outlet of Bob's Faucet World, and I was wondering if I could count on you to be there for the grand opening on Saturday ..."

2. A secondary school teacher. Now this one I know inside and out, because my mom substituted for about ten years before she started a permanent position teaching grades eight through ten. Anyone who doesn't think there's anything wrong with our present education system has his/her head so far up his/her butt that (s)he could quite easily sneeze through his/her navel. Kids in my mom's class think that Toronto is in France, and that the continents are Europe, Germany, and Japan.

3. A jazz musician. I'm sorry, but if I were a jazz musician, and I can't find anything better to do with my time than to do commercials for feminine hygiene products, I would be looking for another line of work.

4. A politician, a CEO, or someone else in the public eye. I think that Robyn and Moe should quit, but not because they speed, because everyone speeds to some degree. I mean, if you've been driving regularly for more than a year and you say you never speed, either you're a liar or your level of safety-consciousness approaches severe retentiveness. No, I think they should quit because they're too daft for their jobs. Everyone speeds, but most people manage to avoid getting stopped by the police, or a tree, or another car.

I think I belong somewhere where I can best apply my current life skills, which unfortunately, for the time being, range from procrastination to divine disorganization. Maybe I can get a job working for Canada Post.

The Pre-Med Society presents:

GYM NITE

at Osborne A, featuring, as always, pizza and pop.
March 5, 8–11 PM.
$2 for non-members.

SKATE DAY

Ask at WOOD G30.
March 7, 11:45 AM–1:45 PM
$2 for non-members.

P.S.A. BEER GARDEN!

Friday, March 12
4:32-8:00
Buchanan Lounge
50/50 Draw.

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Room 60, Student Union Building • 822-5640
Mon-Thu: 9am – 6pm Friday: 9am – 5pm

The UBC Science Undergraduate Society has a

POSITION AVAILABLE

We are looking for somebody to fill the position of

Science Sales Manager

This position will be available April 1, 1993 and is for the 1993-1994 UBC Winter Session

QUALIFICATIONS

-Student registered in the Faculty of Science for the 1993-94 Winter Session
-Willing to apply basic marketing skills, leadership abilities and fashion sense
-No experience necessary

RESPONSIBILITIES

-Minimum of 3 office hours per week
-Weekly Sales report at SUS council meeting
-Market Science Sales merchandise and services
-Delegate responsibilities to Sales Special Orders Coordinator, Sales Booth Coordinator and Sales Bookkeeper

To inquire about this position, please contact Michael Chow at the Science Undergraduate Society office, CHEM B160, phone number 822-4235

The Drawers of SUS

Sales Slips

Michael Chow

Do you thirst for power? Do you have an extraordinary fashion sense? Do you have uncanny marketing skills? If you answered 'yes' to all of the above, then the Sales Manager position is for you! If you answered 'no', then the position could *still* be for you! That's right, the position of Science Sales Manager for the 1993-94 Winter Session is open for nominations. Feel free to drop by our office in CHEM 160 and ask for Michael Chow, to learn more about this position.

Unfortunately, our Special Orders Coordinator, Eric Seewald, has resigned. However, if your team or club would like to order uniforms, I would be able to help.

Our Sales Booth Coordinator, Edward Choice, is planning on setting up some Sales Booths during the month of March. Keep an eye out for them.

As seen in previous 'Sales Slips', the deadlines for jacket orders and cardigans have passed. Also, the sales campaign for the Entertainment '93 and Gold C Savings Spree coupon books has ended.

- NEW ITEMS: Science baseball shirts, baseball caps, shorts, T-shirts, sweatshirts, sweatpants, cardigans, teddy bears, roll-up T-shirts.
- BELOW COST: 100%-cotton Science Week '93 T-shirts! You've seen these beautiful T-shirts during Science Week, and here's your opportunity to get your hands on one for only $5! Available in a variety of colours.
- BELOW COST: 100%-cotton embroidered sweaters only $15! Available in navy, royal or white. We have crew-necks and V-necks. Hurry, they're selling fast!
- Is your team or club looking for clothing or uniforms? We deal directly with the manufacturers and wholesalers to get you the best prices around. Most orders require one week. Compare our prices: 1 dozen, 100% cotton Fruit of the Loom standard-weight T-shirts, with a full-front 2-colour logo, and 2-digit 8-inch numbers, all for only $13.50 each (all taxes included!)
- Our Annual Paper Sale is still on! We sell 200 sheets of looseleaf for only $0.75. That's half the price you'll pay at the Bookstore, plus all proceeds will be donated to charity.

Feel free to drop by and check out our UBC Science clothing display. We are in the Chemistry building, room 160.

McKnighties

Carmen McKnight

Ta-Dah. You have your Executive for next year (see page 1, for results). The new Exec will take office on April 1st. Congratulations to the winners. It's my hope that those who didn't win in this election will stick around and stay involved with the SUS. All candidates were well qualified.

There are now some vacancies on the Council, and more vacancies will come up when the Executive turns over. The vacant seats are for an Oceanography Rep and Third Year Rep. These positions will last until October when Year & Dept Rep Elections for '93-'94 take place. The duties include keeping one office hour in SUS per week, and attending weekly SUS Council meetings and the occasional Faculty of Science meeting.

If you are interested in either position, please let us know ASAP, as we need to fill these positions *immediately*. We will also need to fill the following seats on April 1st: two Second Year Reps, one First Year Rep, one Biology Rep, one Biochemistry Rep, and another Third Year Rep. Volunteering for one of these positions is a great way to get involved in SUS, and you probably won't even need to go though an election. As well, we want to make sure that students are fully represented at the Faculty of Science meetings.

Coming up this week is the SUS Annual General Meeting. It's in the SUB Party Room at 12:30 on Thursday, March 4. All Science students are welcome to attend (but you'll have to bring your AMS card). Dean McBride will be speaking, the newly elected Executive will be introduced, and we'll be giving out the Teaching Excellence Award. There's free food too, so why not come on down?

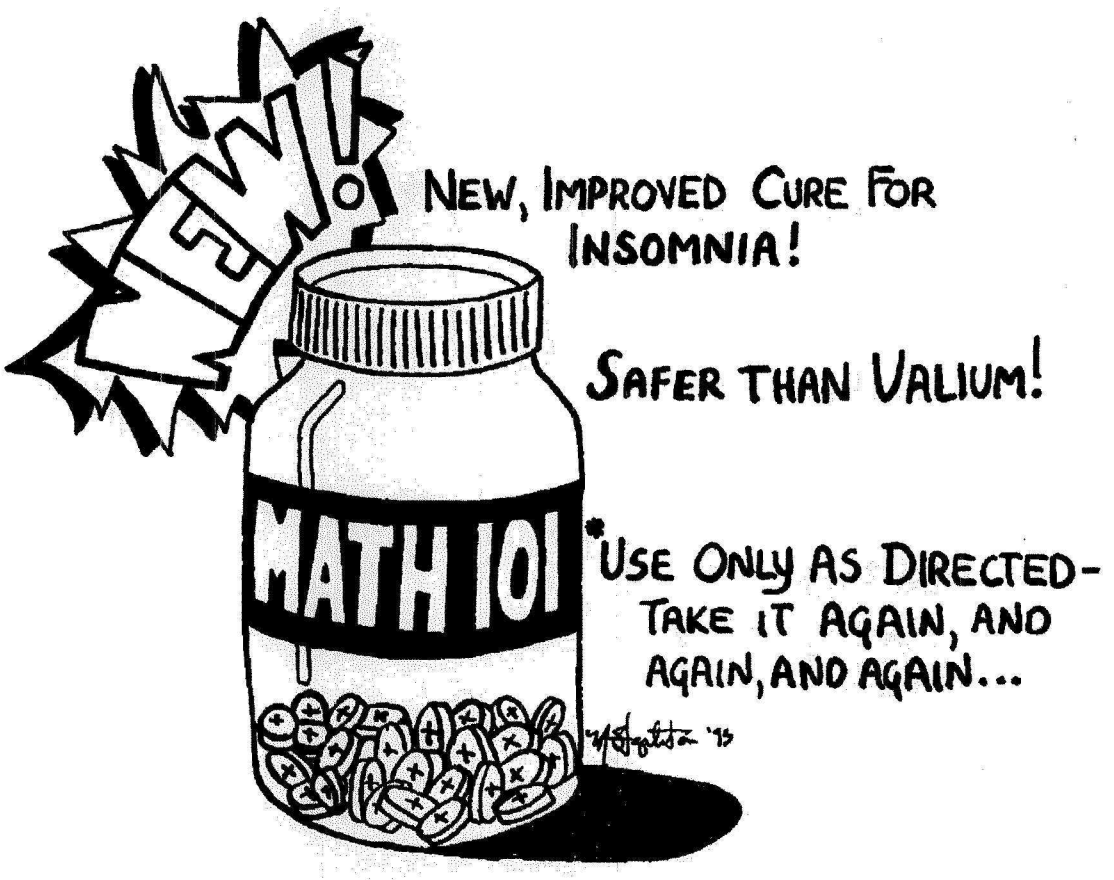
SCIENCE UBC

SUS Council has openings for the following interim representatives:

- **First Year**
- **2 Second Years**
- **Third Year**
- **Biochemistry**
- **Biology**
- **Oceanography**

The positions would last from April 1 to mid-October. Year reps must be currently in that year. Departmental reps must be in Second year or later, and have declared a program in that department.

For more information, please contact Carmen McKnight or Jeff Chen at 822-4235.



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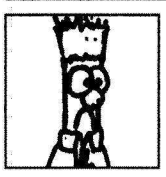
The Morris Methods



Jamie **MORRIS**

Experiment #4 — The EEG unit and *Thyrone briareus*

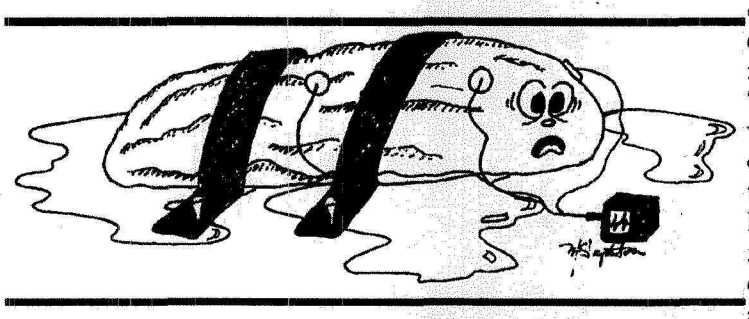
1. Procedure
A Model 360, EEG unit (electroencephalographic), is a small machine which can be used to show levels of brain activity. This is accomplished through the use of a pair of disk electrodes, which are placed on the surface of the test subject's head.
It has been shown that during a person's "awake" state, the EEG produces what is called Alpha wave "activity". This activity is a frequency which is normally in the range of 8 to 12 cycles per second. One might say the more active the brain is, the higher the alpha frequency.
It is with this information that today's experiment will be carried out. In the past two experiments with *Thyrone briareus* I have seen that there isn't the direct correlation between danger level and self-evisceration that I initially thought there to be. I now figure that it is simply the increase in nervous frequency, and not exclusively danger, that causes self-evisceration in *Thyrone briareus*.

In this experiment a *Thyrone briareus* test subject will be hooked up to a Model 360 EEG unit and placed in situations that will surely cause an increase in brain activity. (These situations are a mixture of a little danger, a little surrealism, and a lot of stress). Note: the EEG units in this experiment were modified to work on the simple nervous system of *Thyrone Briareus*. Also note that the EEG will register in theta activity rather than alpha activity (theta frequency is much slower). The reason being that the nervous activity of a sea cucumber is not as high as that of a human.

2. Hypothesis
If members of the species *Thyrone briareus* are placed in an uncomfortable, alarming, and stressful situation, the nervous theta activity of the test subject will increase as the situation is presented. *A high enough increase in theta activity will result in self-evisceration.*

3. Data and Observations
Note: The control of the experiment was test subject #1 sitting in a simulation of its homeland (ie. my bathtub). No increase in theta activity occurred, and no self-evisceration occurred. This is in accordance with my hypothesis.

Situation #1
Description: Test subject #2 was nominated for the position of Executive Sanitation Engineer in the upcoming SUS elections. The job entailed the cleaning up of any SUS function, meeting, or gathering; obviously, it was a highly sought position.
As expected, however, test subject #2 was acclaimed, as competition dropped out of the picture. What happened next was equally predictable: test subject #2 realized it was a sure thing for the position and had come to consider itself an Engineer (sanitation engineer albeit, but still an engineer). Consequently it started hanging out at the Cheeze and wearing red. With the first part of the experiment set up, the second part was executed. Pictures were taken of test subject #2 partaking in various EUS activities, and copies were sent along with a note to test subject #2. The note read: "Test subject #2, Beware! These pictures will be sent to your mom unless you pay us ten dollars a week. Ha, Ha, Ha." Test subject #2 was faced with the extreme stress, anxiety, and tension of the situation.
Increase in Theta Activity? No
Self-Evisceration? Uncertain.
Results and Observations: There was no increase in theta activity in test subject #2, but it did possibly self-eviscerate after reading the letter. Test subject #2 was in the midst of the 40–beer at this point, however, and this reaction could equally be attributed to violent gastric expulsion. (read: spewing). (Note: My Engineering friends will not speak to me after they heard about this experiment. When asked why, one of them said to me, "How could you do such a cruel thing? The poor, innocent *Thyrone briareus!* Involving his mom was the worst thing you could have done! Don't you scientists have any *feelings*, any *compassion?*".)



Situation #2
Description: Unknown and unnoticed by test subject #3, I hired a professional actress to play the part of his current girlfriend. The real girlfriend of test subject #3 was Michelle (a blonde secretary who worked at the PISA centre — **P**eople **I**nfatuated with **S**eafood **A**nonymous). Through various forms of extortion (which are algebraically obvious and the details can therefore be omitted) Michelle agreed to keep away from test subject #3. With this in place, the experiment could not be interrupted.
Now, the imposter started to leave subtle clues that she was cheating on test subject #3 (in one case, we left a third toothbrush in the bathroom of their apartment.) Test subject #3 was faced with the dilemma of whether or not to confront the imposter with the evidence.
Increase Theta Activity? Yes, slightly.
Self-evisceration? No.
Results and Observations: No increase in Theta activity was registered when the more subtle clues were administered. However, when test subject #3 came home from work early one day, and found the actress in bed with test subject #1 (the control), a slight increase of Theta activity did occur. Unfortunately, contrary to my hypothesis, test subject #3 did not self-eviscerate.

Oooh! The thrills, the chills! Stay tuned next week for the exciting conclusion...

SCIENCE UBC

Annual General Meeting

of the Science Undergraduate Society

Thursday, March 4, 1993.
12:30 PM • SUB Party Room.

- Introduction of New Executive.
- Commentary by Dean McBride.
- End-of-year Society Reports.
- Presentation of Executive Awards.
- Teaching Excellence Award.
- Consumption of ~~Liberated Comestibles~~. Free Food!

• *Please bring your AMS Card* •

Please indicate the number of overlays and colours for this flat ____Overlays ____Cyan ____Magenta ____Yellow ____Black ____Red ____Green ____Blue ____Other