ENGINEERS IMPORT INFERNO

ENGINEERS' EDITION **The Daily Ubyssey** ENGINEERS' EDITION

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B.C. Pharmacists Probe Habit-Forming Drugs

Inquiry Slated When UBC Professor Brands Certain Drugs 'Harmful'

(By Staff Reporter)

B. C. Pharmaceutical Association will launch an investigation into the sale of common household drugs which contain dangerous, habit-forming narcotics.

Instigation of the probe follows a Daily Ubyssey report Friday in which UBC Professor W. G. Black claimed many people, including university students, are using to excess, the habit-forming drugs to the detriment of the consumer's health.

J. S. Fullerton, manager of the Pharmaceutical Association said Monday, "We will certainly get to the bottom of this and if there is any truth to it action will be taken" about the use of the drugs.

PAIN RELIEVERS

Dr. Black, a professor of social psychology, named certain nationally advertised products, used widely by women as pain-relievers, as principal offenders.

He stressed, however, that the consumers were not "dope addicts" in the popular sense but were persons unable to break the habits formed through excessive use of these products.

NATIONAL ADVERTISING HIT

He placed much blame for the situation upon large manufacturing firms whose national advertising stressed the pain-killing properties of their products while refraining from pointing out the harmfull effects.

Questioned about the Pharmaceutical Associaion's investigation he said: "**An investigation is certainly desirable.**"

"I protest against the false statement, 'in an attack on the druggists,' (for) I made no attack on the druggists of B.C.," he said.

"They maintain a remarkably high ethical code," Dr. Black declared.

As a solution to the problem he suggested a rigorous programme of consumer-education to combat the effects of drug advertising.

U of W Debaters Defeat UBC Team

(By Ubyssey Staff Reporter)

A Federal World government is an idealistic impossibility, the Parliamentary Forum decided Monday.

Two debaters from the University of Washington defeated the proposal upheld by a pair of local speakers, in one of the closest verbal battles in Forum history.

A Federal World Government is "as desirable as Utopia—and about as possible," U of W's Mary-Bea Corkery said in a speech that helped her and teammate Jean Lankey to defeat Virginia Richards and Mary Leiterman of UBC.

On the affirmative side, Miss Richards expressed the opinion that such a government has become "the only hope for survival."

Miss Leiterman pointed out that in the atomic bomb era a small group now has a means "to plunge the nations (of the world) into an annihilating conflict.."

Miss Lankey of Washington countered affirmative arguments with a statement that "the force required at this time to make the nations submit (to a world government) would provoke greater damage than ever."

"A settling period is necessary for a while yet," she opined.

PICTURED ABOVE is Joe Blotz, the Engineers' Ubyssey Infernal Correspondent, who scooped the world with the exclusive story from Hades.

"This story is hot stuff," said Correspondent Blotz.

Big '50 Gets Name For Size, Action And Enthusiasm

Big '50, the largest engineering class to enter Applied Science at UBC, finally found time to look up from the grindstone long enough to bellow "We are, We are . . . " a couple of times and growl long and publicly about the Christmas exam situation. Solidly ranged behind their president, Doug Lamb, they beefed, and got things done.

Second year students have also supported and organized the Engineer's Music Club under the enthusiastic leadership of Don Urquart and Herb Adams.

The large classes of Big '50 are having a remarkable effect on student appearance. Large, forward-folded ears are rapidly being replaced by hearing aids and ear horns, while opera glasses are standard equipment with the back row coffee bibblers.

Proof of progress among Second Year students is the fact that 80% of them mastered the baffling system of voting which replaced the familiar and comparatively easy X of former presidential elections.

'Tween Classes

THE UNITED NATIONS SOCIETY will present films in the Auditorium today at 12:30 p.m. entitled: "Seeds of Destiny" and "Hungry Minds." Also there will be a short talk by Dr. Black, faculty adviser to the society.

AGGIE UNDERGRADUATE Society is holding a general meeting today in Aggie 100 to discuss plans for the forthcoming Field Day and AUS elections.

PROGRESSIVE - CONSERVATIVES meet tonight at 7:30 p.m. in the VOC clubroom.

GIRL GUIDE CLUB will hold a general meeting at noon today in Arts 208.

BC JAZZ SOCIETY regular meeting 12:30 today in club room behind the [illegible].

IMPORTANT ARCHERY Meeting Tuesday February 2? Arts 103, noon.

CETD PARADE will be held on Wednesday, October 25 at 7:00 p.m. in the Armories.

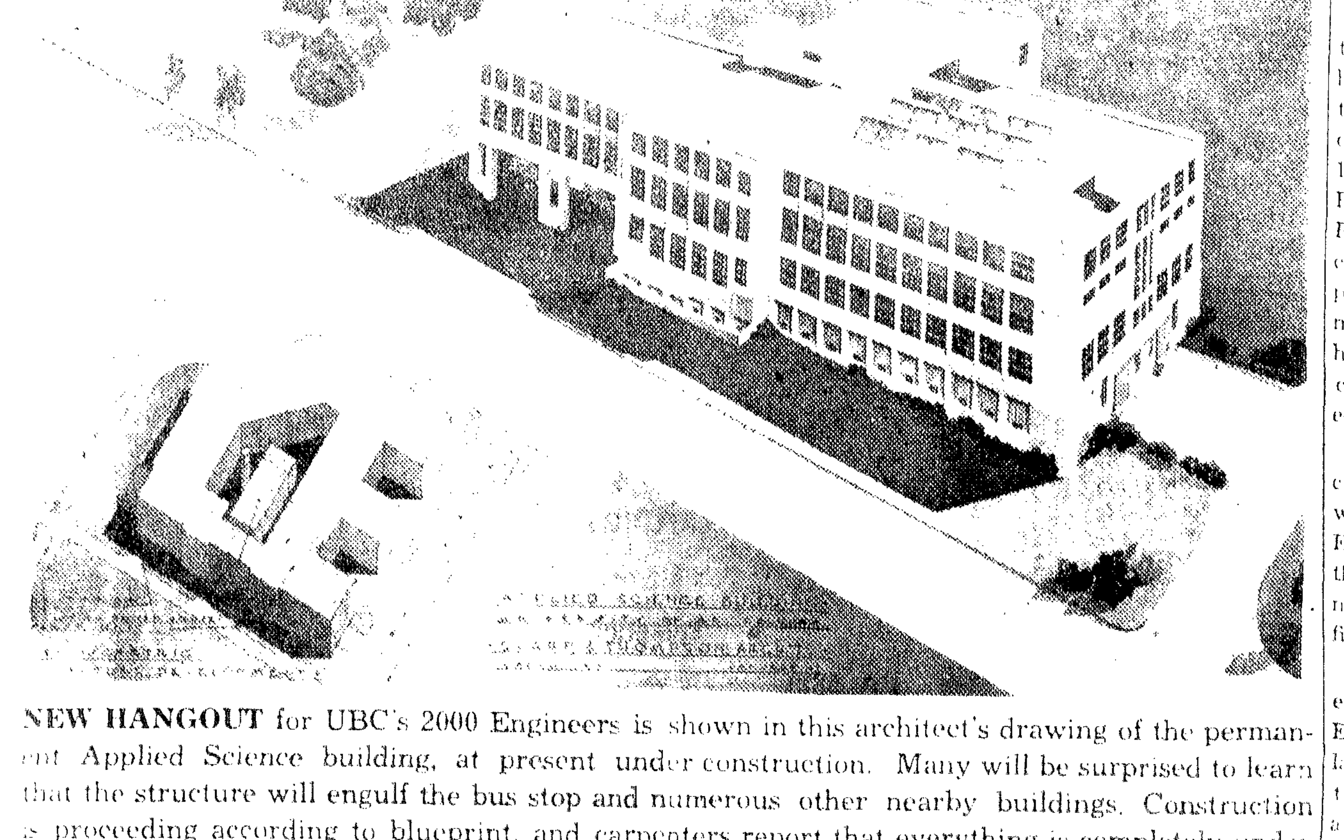
Commerce Banquet Tickets Available

Commerce' banquet tickets are [illegible] in [illegible] AMS and CUS office [illegible] [illegible] CUS [illegible] and [illegible] [illegible] $1.75

Graphic Art Now On Display Here

Work of two artists well-known to UBC students is on display in one of two graphic art exhibitions which opened today in the second floor corridor of the Arts building.

Mrs. Dorothy Willis and Cliff Robinson, members of the "Cal- [illegible] group" have paintings on display. Selected prints by a number of well-known photographers comprise the second exhibit, known as the Western Photographic Salon.



NEW HANGOUT for UBC's 2000 Engineers is shown in this architect's drawing of the permanent Applied Science building, at present under construction. Many will be surprised to learn that the structure will engulf the bus stop and numerous other nearby buildings. Construction is proceeding according to blueprint, and carpenters report that everything is completely under control.

Red Fiends Foregather At Two Night Frolic

Dean Forecasts Increasing Demand For Engineers

By J. N. FINLAYSON
Dean of the Faculty of Applied Science

I gladly accept the invitation of the editor of the special engineering issue of The Daily Ubyssey to extend greeting to the student body, especially the undergraduates of the Faculty of Applied Science.

The large number of students, half of whom are veterans, present a challenge to your instructors and it is a pleasure to note that there has been a gratifying response to the challenge. Not only have the established departments been manned and operated but new departments have been added with well qualified instructors.

Students are now receiving instruction in nearly every major branch of applied science and we have the satisfaction of knowing that we have a complete and efficient Faculty of Applied Science.

There were 1100 young men graduated in Engineering from Canadian universities in 1947 and it is estimated that there will be 3700 graduates in 1950. There is naturally some anxiety felt about the possibility of providing remunerative employment for this large number of young engineers. Fortunately there is an increasing demand for the services of well-trained engineers, especially those who are capable of providing human leadership in industry and industrial organization and management.

Someone has defined engineering as the science or art of overcoming the resistances of nature, especially of human nature. The wider the range of service that you have to offer the better will be your chances for a steady job and an interesting and useful life.

Hot Time Forecast As Commodore Prepares for Demoniac Debacle

BY THE ENGINEERS' UBYSSEY INFERNAL CORRESPONDENT

HADES, Feb. 24, 1948—Your Ubyssey on-the-spot reporter last night was successful in obtaining an interview with Ron "Red Devil" Grantham, Chief Fiend of the demoniac crew who plan to bring Hell to the Commodore Cabaret tomorrow night.

When approached, the Red Devil was grooming his tail, which had apparently been scorched when he approached a young female fiend too closely. The smell of brimstone was strong.

"Yes," he said, "the stormy blast of hell with restless fury drives the spirits on." He went on to explain that all kindred spirits, demons, fiends, and wolves would be entertained at the Red Inferno on Wednesday and Thursday nights, in the largest and most lavish Fiendish Frolic ever perpetrated in the Commodore by the Red Demons.

He went on to issue a stern warning to any Artsmen or Aggies who might try to gaze on the Eternal Fires. To them he said, furiously belching smoke and flame and waving his pronged sceptre, "All hope abandon ye who enter here."

BOILING OIL

Stepping between the vats of boiling oil, we advanced further in to the nether regions, and found Satan's Treasurer, Bob Gray, preparing the diabolic feast on which the Red Demons will gorge themselves. Standing over the huge iron pot, he threw in another Commerceman's head, and was heard to mutter between demoniac chuckles "Double, double toil and trouble, fire, burn; and cauldron, bubble."

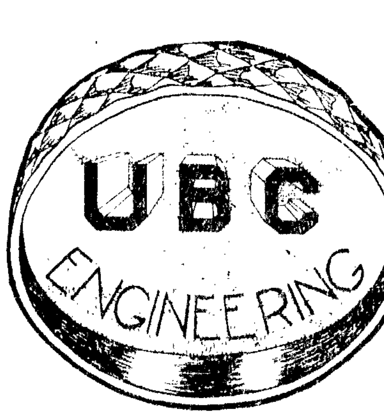
Near the Gate of Hell, stood Fallen Angel Jack McFadden, in charge of reservations for the inferno. He issued an ultimatum to all Red Demons to be in their appointed hot seats at the witching hour of nine p.m., or be dragged before Red Devil Grantham himself.

DEMON RUM

And in another corner of this hellish ring was 185 proof of Demon Rum, shrieking with drunken glee at the havoc his horde of spirits would wreak at the Red Inferno.

And just as we escaped from the Awful Abyss, we heard a great choir of fiendish voices say "We are, we are, we are . . . ."

NEW CREST



SUBMITTED by C. Roy Sworder, 3rd year Forestry Engineer, the above design won the recent competition for a new crest for the Engineers. The emblem features the Thunderbird totem and mountains surrounded by the traditional iron ring of the graduate engineer.

Week Features Several Parties

By DOUG LAMB

Mr. and Mrs. Ricochet Blunderpants announce the engagement of their daughter Candy Lever, (named for the inventor of the truss by the same name), to Mr. Joe Blotz. As the wedding will take place next month the bride-to-be is very busy preparing her torso.

Last week was terrifyingly busy socially:

Mr Poerman entertained Professor Finlay in honour of the latter's one millionth correct solution of the problems in Mr. Poerman's best seller.

Mr. Don Ferguson, entertained in honour of Mr. Don Ferguson. The guests were tastefully attired in [illegible]

[illegible]

Then there was the Artsman who didn't know what a torque was. He never [illegible].

Mr. and Mrs. Fecund Ditty are happy to announce the birth of their sixth son, a boy. Remember: Ubyssey ads bring prompt results.

No Apathy Among Engineers This Year

By RON GRANTHAM

This year the Engineers could never be accused of an attitude of apathy toward student affairs. The Engineers have been second to none in keeping the watchful eye on Council and the Daily Ubyssey.

It was the Engineers who [illegible] the campaign attacking the [illegible] system of the Christmas exams. The Engineers also [illegible] a successful campaign in aid of the March of Dimes.

This year has been a good one for the Engineers. From the pep rally held at the opening of the year until the present, the Engineers have shown drive, energy, and spirit. In October, 1100 redshirts attended the largest Banquet yet held. The Passing Out Party was highly successful. Through competitions the EUS now has a new pin, new crest, and new songs. Formation of the Engineers' Music Club has been another step forward in cultural development of the Engineers.

Before the curtain rings down to close another year of EUS activity we approach the grand finale — the Engineers Ball. For the first time, this year's Ball is to be held two nights and has already realized a profit of $150.

One failure of this year's EUS Executive was inability to elect an Arts Executive at the Arts elections held last Fall. The net result was that this year, Arts has once again had a poor year. Next year Arts can look forward to a bigger and better EUS.

Electrical's Entry Wins Song Contest

The winning song in the [illegible] engineers song contest [illegible] [illegible] Electrical [illegible]. It goes to the tune of [illegible] Marine Hymn.

We are one united faculty
Engineers of U.B.C.
With all our strength we [illegible] be
Men of great integrity
Our aim in life, a noble one,
Is to serve with all our skill
One and all we're mighty proud to
be
Engineers of U.B.C.

REDSHIRTS TO CAVORT AT MONSTER NOON HOUR MEET

Breaking tradition again, the Engineeers will bare their souls for the public gaze today at 12:30, when they throw a monster pep-meet in the Armories for the whole University. Under the capable direction of Don Urquhart and Roy "Suds" Sutherland, the show will feature a headline act from a night club floor show, accompanied by several zany skits in the best Engineering tradition, with music sweet and hot by Frank Nightingale's orchestra and the Engineers' Music Club.

Among the special numbers will be renditions of the winning entries in the recent Engineers' Song Contest. Also present will be several beautiful girls, who escorted by burly red-shirts, will collect donations for the current ISS Campaign.

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ENGINEERS' EDITION

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[illegible] Hall. Phone ALma 1624 — For display advertising phone KErrisdale 1811

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ASSOCIATE EDITORS: Charles Marshall, Tom Preston — HONORARY EDITOR: Bruce Bewell

[illegible]

EDITOR'S NOTE: This guest editorial is written by Professor Heslop, Honorary President of the Engineers' Undergraduate Society.

What is Engineering? Even many successful engineers cannot answer this question satisfactorily—they "cannot see the woods for the trees."

Engineering is really just a careful and systematic method of approach, which, though usually applied to engineering problems, can be equally well applied to almost all probems, be they financial, economic, or social.

In the early stages of his training the engineering student is given certain problems in mechanics and he is taught to draw a "freebody" diagram and to systematically consider all the forces that are acting on it. These forces have definite directions and values which are determined exactly by the fundamental laws of mathematics and physics, and, what is more important, they produce definite and exact results.

This method of approach to the simple problem in mechanics is the engineering method by which the engineer attacks all manner of problems.

In practice, the engineer continues to use as his chief tool the same fundamental laws. If he attacks a problem concerning personnel or organization in the same systematic manner, studying all the forces and influences which are affecting individuals or groups, he will arrive at a definite answer.

In his training, an engineer is taught to break down complex problems into individual parts and to consider each part systematically. By this method the structural engineer can analyze the stresses in a complex structure. The chemical engineer tackles his problem by studying the chemical or physical properties of representative samples. The engineer is unafraid of the large bridge because, examined member by member, it becomes simple. He studies the individual members, and if he takes into account all the forces arrives at a definite conclusion. In exactly the same way, the engineer can study the structure of a large business organization. Again, though he is using a different set of tools, if all factors are considered, he will arrive at a definite answer.

A good engineer can easily adapt himself to a branch of engineering other than the one in which he received his special training. If he has the method, he can soon learn to use a slightly different set of tools. The success of the engineering method in other businesses is apparent when one considers that fully two-thirds of successful graduate engineers are employed in fields other than engineering. In management, politics, finance, and even in theology, they still apply the systematic engineering approach. (The minister's "freebody" is his Bible text.)

It is to be hoped that in the future there will be more and more recognition of the engineer's ability to apply the engineering method to the complex problems of our modern world. This recognition must come from both sides, from the profession and the general public. While others, too often, give opinions, engineers give answers.

There are too many opinions and not enough answers in the world today.

The Editors of the Engineers' Ubyssey would like to extend their congratulations to Ron Grantham, big, red-headed President of EUS, for an efficient and inspiring administration during the past year. Other Undergraduate Society leaders would do well to follow his example in building campus spirit and unselfish service. Thanks, Ron, and the best of luck in the cruel, cold world.

bedtime stories for engineers

By BOB MUNRO

See Chapter Thirty, Chemical Engineers' Handbook.

Our story opens aboard a tramp steamer in which the 28 students of Chemical Engineering '48 are cruising the world looking for jobs. Rose, Darling, Shoenning, Bruce, Stroud, Johnson, Archibald, and Jolly are playing 4-dimensional bridge — the garden variety being too tame. Shore and Shadwell are counting noses.

SHORE: I've accounted for everybody but Powley, Timmons, and Butters.

SHADWELL: Well Powley and Timmons are below converting a boiler into a still; and the last I saw of Butters, he was heading for the powder room.

Everyone goes white, and in chorus whispers, "Butters------ the powder room!!!"

A huge explosion rocks the ship and water pours in.

ROSE: I bid one spade.

BRIDGES: (rushing up screaming) The ship is sinking—my god—think of our entropy.

McLELLAN J.W.: (In loud voice) Women and children first!

KOLBERG: (In louder voice) The hell with the women and children; save the liquor!

The mob rushes to the lifeboats, trampling a stowaway Civil, and set out for a nearby island.

MARSHALL: I rode a horse once, but this is the first time I rowed a boat—yok, yak!!

Nobody laughs except Professor Stusiak who enjoys the odd lousy pun, while Babb, who does not enjoy puns, idly pours fuming nitric over Marshall.

STROUD: Four spades.

The group lands and spreads out over the island looking for food.

LLOYD: We'll never make it fellows. All we've got are coconuts and seagull eggs.

McLELLAN G. N.: That doesn't worry me; I'm used to small meals. In fact, the lunches my landlady packs are so thin, I used them two weeks running for bus tickets.

POWLEY: I wonder if I could ferment coconuts.

DALLA LANA: (obviously going mad) Nothing doing; I want to eat [illegible].

TIMMONS: I wonder if I could ferment seagull eggs.

PROF. STUSIAK: Before we check out fellows, we can all do one last problem to be handed in on your last gasp.

POWLEY: I wonder if I could ferment Timmons.

PHARE: I hope there's opportunity for design engineering in heaven.

The group sadly open their handbooks and prepare to meet their doom.

Just then, a roar is heard as a large flying boat lands on the lagoon. One of the directors of Viscous Oil steps out and addresses the group.

"If by some chance you are Chemical Engineers, I have an interesting proposition. To young men of initiative and vision, we offer a starting salary of $3000.00 per month, a plane, a yacht, and a six year subscription to Sunbathing. Furthermore, if you wish to marry my 27 beautiful daughters 27 you will automatically become vice-presidents.

POWLEY: I wonder if I could ferment oil.

MARG. STOKELAND: But what about me?

DIRFECTOR: (Who is young and handsome) Tell you what, pigeon, I'll marry you myself.

(Don't ask me how he can be young, handsome, unmarried, and have 27 beautiful daughters—you gotta have faith.)

THE CLASS: You talked us into it. We'll accept and live happily ever after.

ARCHIBALD: Six spades.

POWLEY: I wonder if I could ferment.

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FOUNTAIN PENS

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once over hardly

By HAL TENNANT

The Red Menace

Open letter to Dave Brousson:

Dear Dave,

"A Big Man for a Big Job" that was your platform when you ran for AMS President and I got in a few weeks ago.

Now I would like the second last person in the world to agree that the job isn't [illegible]. I'm assuming [illegible] [illegible] [illegible] on conversation with you. I'd gladly testify that you're certainly a big man. I've looked up to you on many occasions. I found it more practical than talking to your belt buckle.

I admit you're a big man, but I'm certainly not a member of that bitter minority group who thought "it certainly was the height" when you got elected. On the contrary, I have great faith in your abilities. That's why I'm writing to ask a favor of you.

Couldn't you Dave—or should I say, Mr. Future President—couldn't you do something next year about the Red Menace?

Until just recently I always thought the Red Menace was just a bunch of Communists who want to get elected so they can keep everybody else from getting elected after that.

Slide Rules Are Out

But the Red Menace isn't Communists at all. I hate to say it, but the Red Menace is the Faculty of Applied Science. Please don't misunderstand me. I'm not saying this as a frustrated Artsman who can't afford to buy a slide rule. I'm saying it as a frustrated Artsman who wouldn't know how to use a slide rule if he could afford one.

Don't think either, that I'm being unfair in saying the Engineers are a menace. Who are the ones who pack the Artsmen's elections every year, attempting to elect an Engineer as president of the Arts Undergraduate Society? The Engineers. Who drown out the protests of our two faithful Artsmen who usually go to these elections? The Engineers.

Who gives freshmen free swimming lessons in the lily pond every fall, without first getting the consent of their pupils? Yes, Mr. Future President, I'm afraid to say it's the Engineers again.

Who are the boys who stage big charity drives on the campus, such as the recent March of Dimes, and make all the other faculties feel like a bunch of snivelling penny-pinchers? The Engineers.

Who are the monsters who circulate handbooks containing things we Artsmen have been told were definitely not beneficial to purity of our souls? Guess again, Mr. B. It's not the Aggies.

No More Questions

I guess I'd better stop asking questions like this, or you'll think I'm accusing people of things. Its just that something should be done about those Engineers. It's getting so an Artsman can hardly concentrate on his bridge game for thinking about them.

As you probably know, it is becoming a tradition now for the President of AMS to try to clean up the Reds. And you, as an Engineer yourself, are the man for the job.

I only hope you have more success than some of our other Presidents have had. (We have quite a collection of vicious charges you could hurl around, if you'd like to look at our Ubyssey files.)

I know it's a big job. But remember you're a big man. I know you can do it. And I know you'll try.

Your humble admirer,

Hal.

P.S.: Is it true that the Engineers are serving Artsman fricassee, roast leg of Artsman and Artsman under glass, at the Red Inferno tomorrow night?

SIGNBOARD

LOST

A GREY AND SILVER Parker '51' "W. H. Northey" inscribed on cap.

I AM ALL WET — will the person who removed the red and white umbrella from Arts 107 in FEB. and the black and white umbrella from the Bus stop early Monday [illegible] Please return one to the lost and found in AMS office immediately.

GOLD RING [illegible] [illegible] of the [illegible] February [illegible]. Reward. [illegible] FR [illegible].

NOTICES

GENERAL MEETING Fencing Club Friday at 12:30, HG 4. All members should make a special effort to attend.

SOMEONE IS A DISGRACE to be called an engineer. Come on fellows, won't you please return the K&E Drafting set you borrowed [illegible] drawer 303 south of HB 6. I can't afford a new one. Hopefully, J. Belrose Section H.

Urgent: Four beautiful blondes [illegible] [illegible] for Big Red. Purpose [illegible] and not for publicity.

IF you've never smoked a burley tobacco, you'd be surprised how it keeps your tongue cool, packs so easily, burns smoothly, and stays lit with a minimum of light-ups. You can smoke it all day long, and still come up for more.

Picobac is the pick of the Burley crop, grown in sunny southern Ontario, where climate and soil are the secret ingredients for a mild, cool, satisfying smoke.

GET SOME TODAY!

"Carelessness can cause fires. Be careful."

Picobac
The Pick of Pipe Tobaccos

don't take chances with dry scalp*

SYMPTOMS: itchy feeling; dandruff; dry, brittle hair; loose hairs on comb or brush. Unless checked may cause baldness.

MAKE A HIT WITH HANDSOME HAIR!

'Vaseline' Hair Tonic supplements the natural scalp oils to keep your scalp in condition, hair always good-looking and easily groomed. Largest selling hair preparation in the world. It's economical, too.

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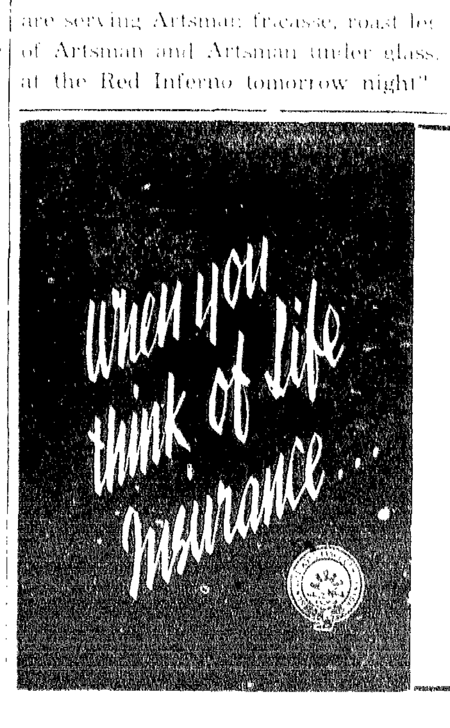

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SUN LIFE OF CANADA

Engineer Presents Case For Emigration to U.S.

By DAVE MORGAN

The question of young engineers emigrating from Canada to the United States has of late become a matter of wide interest, both to industrialists and engineers, and to the Canadian public, who are concerned at seeing an exodus of highly-trained men.

This movement is attributed to two factors, higher salaries in the United States and greater opportunities. The median salary for 1947 graduates is over 15% higher than in Canada, and the maximum salaries were much higher in proportion. The greater opportunities found in the United States are brought about by more money more rapidly spent, and by a willingness to employ younger men in responsible positions.

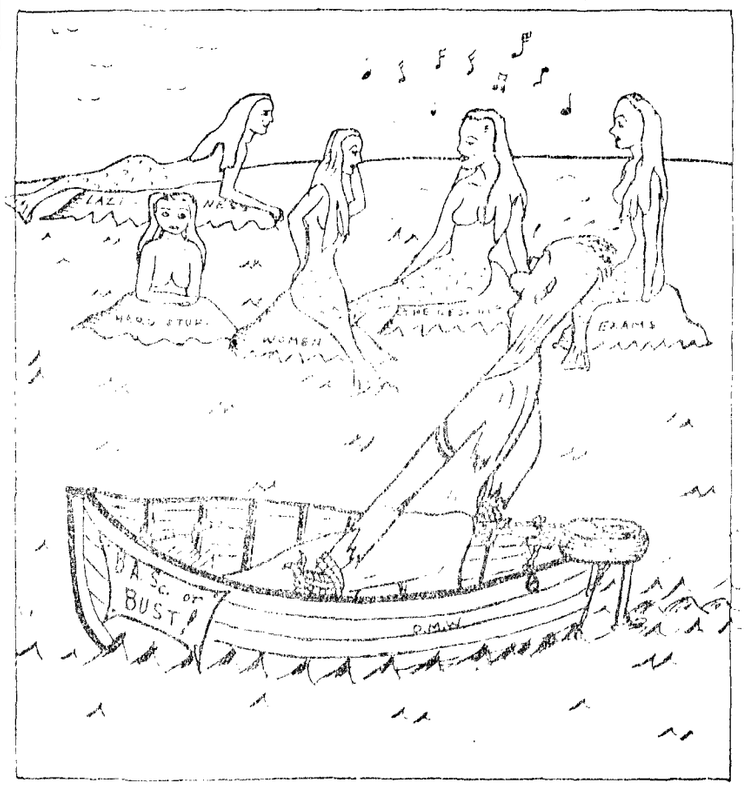
Those Canadians who, for motives patriotic or otherwise, desire would-be emigrants to remain in Canada, have usually three arguments: first, that the higher cost of living in the States nullifies the higher salaries paid; second, that rapid advancement is not to be sought after, since to acquire a sound basic training a good engineer must spend many years under supervision; thirdly, that to take an education in Canada and then to leave is a betrayal of our homeland.

The first of these is true for basic living costs, markedly higher in the States. But those things for which a young engineer would spend the greater part of money — cars, radios, entertainment — are very much cheaper. It is well known that the material standard of living is higher down south. The second argument condoning Canadian conservatism, may be refuted by observing the successful young engineers in the United States. The third argument, that it is patriotic to stay in Canada, is true only in reverse.

In the present situation many of our best, more ambitious, engineers are leaving for more money and opportunity. By the law of supply and demand, quite applicable here, the fewer the engineers the higher the salaries for those there are. Thus if great numbers of our engineers leave, the remainder will be in a better position to request salary increases.

If an industrialist is required to pay more money to an engineer, he will want better results from that man's labour. To get better results, he will of necessity supply greater opportunities to that engineer. Then will the Canadian engineers be better paid and have more responsible positions, more chance of advancement.

Shades of Ulysses



CLUB NOTES

By Tom Preston

Student Branches Feature Films, Speakers, Sports

Most third and fourth year engineers are members of the campus branch of some professional association. In general these organizations conduct field trips, present speakers and show films on engineering subjects.

Weekly shows are featured by the Dawson Club, an affiliate of the Canadian Institute of Mining and Metallurgy. The Dawson also have a red-hot grass hockey team entered in a city league.

Student papers presented at their weekly meetings, and a symposium on the "Non-technical qualifications of an Engineer" have high-lighted this year for the electricals. The AIEE has also sponsored several field trips.

Aimed at giving its members a better appreciation and knowledge of their profession, the American Institute of Chemical Engineering has had a busy year. Weekly talks have been given on smelters, mills, pulp, alcohol and explosive plants. Field trips have been made to many local plants and breweries.

A first aid course for engineers was started this year by the campus branch of Engineering Institute of Canada in conjunction with the St. John's Ambulance Association. Other activities of the Institute include the presentation of films and speakers and the sponsoring of a competition for papers.

Two new clubs on the campus this year are student branches of the Society of Automotive Engineers and the American Society of Agricultural Engineers. Already the SAE has presented several speakers and the ASAE has made field trips.

Another infant in the field of professional clubs is the two year old Civil Club. Consisting of 97 third and fourth year Civils it has presented several speakers and films and held field trips and parties.

A trip to a Bellingham paper plant and a "Grease Ball" has kept the student members of the American Society of Mechanical Engineers amused in between presentations of films and speakers by their club.

PLUMB BOB

By E. D. WEBBER

For sale: 500 copies of the Engineer's Handbook (Revised). Apply at the EUS Cairn headquarters.

* * *

When he hit the pavement after jumping from the 35th story the suicide turned to say, "That's me all over."

* * *

Pass the handkerchief.
Dear me.
You're a bathing suit.
Bye-bye.

* * *

Stop that Butcher drug-inducing waste of time.

LADIES' — BRING YOUR FAT CANS ALONG ANY DAY EXCEPT SATURDAY

How better cast iron gives jobs to Canadians

The ancient Egyptians spoke of iron as the precious metal. It was used for making swords, armor and ornaments. As early as 532 B.C. iron was being cast into various forms.

In modern times, various industries began extensive research on the effects of adding Nickel to cast iron, realizing what vast improvements had been imparted to steel by adding Nickel. In this research, International Nickel took a very active part.

Over a period of years, it was discovered that by adding Nickel sometimes with other alloying elements, cast irons could be produced which were definitely stronger, tougher, and more uniform in texture, more resistant to wear and rust.

The facts uncovered in this research work were carefully collected by International Nickel and broadcast freely to foundries, manufacturers of machinery and other potential users.

Thirty years ago the commercial use of Nickel in cast iron was unknown. Today many thousands of tons of Canadian Nickel are used for this purpose.

The production of this Canadian Nickel means jobs for hundreds of Canadians in the Nickel mines, smelters and refineries. The use of Nickel cast iron has led to great expansion in cast iron foundries, thus giving employment to still more men. Thus does research develop better products and create more employment.

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chalk talk . . .

. . . by Chick Turner

SPLASH ARTISTS SHOULD COME THROUGH

When the first annual Pacific Northwest Conference Swim Meet is held at the end of the month, this Point Grey institution should come home with its third conference title in three years. Despite the fact that only four colleges are slated to compete in the meet, scheduled for the Multnomah Athletic Club pool at Portland, Oregon, on February 28, the conference moguls have given the swim fest full sanction. This corner bills Doug Whittle's UBC mermen as odds-on-favorites to edge out the CPS, Willamette and Lewis and Clark entries, and to latch on to the first conference seaweed crown put on the velvet.

Disillusionment Bred Bitterness

Ever since smooth Douglas, the wily mentor from the Hart House machine shop at the University of Toronto, was approached by a delegation of female splash artists last year, and asked to relinquish his duties as coach of the coed swimming team, he has vowed revenge. According to authoritative spokesmen from Co-ed Corner, the female flutter-kickers were disillusioned beyond further cooperation after they found out that the handsome and dashing Whittle was in private life a married man.

Bitterness reared its ugly head immediately after the Ubyssey published its exclusive release last February 25 that H. Douglas Whittle had become the proud and beaming father of an 8 lb 6 oz baby daughter, Diana Christine. Letters from lovelorn freshettes cluttered up the sports desk for weeks, all of them expressing the same theme — you rat, Whittle!

And Hazel Took Over The Girls

As a result, pert Hazel Smith assumed the duties as full-time coach of the women's swimming team, and as far as the girls were concerned the account was called square. However, yon Douglas felt the effect of the blunt rebuff and while licking his wounds, vowed solemnly to this reporter that he would have revenge — he would find a swimmer from the freshman who could travel faster than any of the women, including Irene Strong. In fact, said he: "Damn it, man, I'll win a conference crown."

And according to the data acquired by your humble correspondent, Whittle stands a whale of a chance to make good his vow. Unless the College of Puget Sound comes up with an unexpected powerhouse again, UBC should plow to an impressive victory.

Wilson A Sure Starter

Headlining the UBC roster is flaxen-haired freshman star, Teddy Wilson, current holder of the Canadian backstroke record, and one of the Dominion's fastest freestyle performers. In a recent time trial, Wilson negotiated the 100 yd free style distance in 56.4 seconds, a slim one fifth second over the mark established by Ken Bourne of McGill in 1936.

Other men hoping to make berths on the team are Nick Stobbart, Jack Creedon, Bob Thistle, Don Morrison, Bob Stangrom and George Knight, who are smooth-stroking free style performers. Wilson and Thistle are probable starters in the backstroke division, while the breastroke chores will fall to either Jim Tarlton, Stangroom, or George Tallhurst. Jimmy Hawthorne and Chuck Backony will handle the diving duties.

Loggers Tough Rivals

Most of the impetus behind the decision to include swimming on the conference agenda was supplied by UBC and the College of Puget Sound Loggers from Tacoma. Last year CPS and UBC staged the first dual swimming meet in the recent history of the PNIAC. Varsity lost both meets. On February 15 last, at Tacoma, the Birds lost to the Tacomamen at the Tacoma High School pool by a 34-30 count, and on March 1, the Tacoma squad again took the bauble by virtue of a 40-27 count.

Both losses could be attributed to insufficient strength in the free style and [illegible] since Whittle is now knee-deep in free style talent, the Birds should have no trouble at Portland this week.

SPORT

DICK BLOCKBERGER, Sports Editor
ASSOCIATE THIS ISSUE: Fred Moonen

UBC Loses to Willamette; Conference Hope Fades

By BRUCE SAUNDERS

The result of Saturday's basketball game brought tears to the eyes of a Gym-ful of devoted Thunderbird followers, as they suddenly realized that with the 44-40 loss, all conference championship hopes had flitted out the window.

After Friday's effortless 68-41 win over the disjointed Linfield quintette, the Birds' future looked extremely rosy. They were prancing high and Willamette was a boulder they figured on hopping over without much difficulty. Coach Bob Osborne's diary now has page headed "February 21, 1948," which has this statement sprawled lazily across its otherwise naked expanse, "I stumbled over a boulder."

LITTLE TROUBLE

Linfield's Wildcats offered the galloping Canadians as little trouble as any aggregation this season. Completely lost at all-too-frequent intervals, the Wildcats had the same chance of beating the Birds as would Willie Pep in out-slugging Joe Louis. Wily Bob Osborne, seeking to save his 'good' boys for the Saturday-night fray, built up a cozy lead, then sent in his more defensively stable but less offensively potent collection of maple artists.

'Friday's win was Saturday's loss,' according to several campus basketball authorities, during the round of post-mortems which sprang into being in various cubby-holes after the battle. From this corner it looks as though the two teams are too much alike for either one to actually slaughter the other. Both teams are fast breaking squads whose main asset is not steady, heady ball, but the ability to pile up points just a little faster than the usual opposition. Therefore when these two quintettes met in mortal fray for the opportunity of contesting the league-leading CPS crew for the conference championship, something was bound to happen—and it did. The outcome of the game depended entirely upon the relative scoring abilities of separate members of the teams at the time of the game.

JOHNSON BROTHERS

Scoring honors for the visitors were taken almost exclusively by a family by the name of Johnson. Ted and Jim Johnson, scoring 13 and 11 points respectively, carried the battle to the Birds all the way. It was these two lads who, besides scoring better than half the teams total tally, forced the Canadians into rushing their shots, muffing their plays, and juggling their passes.

The fireball of the Thunderbirds, Pat McGeer, was burning mighty low, smouldering only long enough to chalk up five points. Dependable Harry "the Cat" Kermode totalled his usual 10 points during the evening's entertainment, and also, as usual, turned in a mighty fine job of disrupting enemy advances.

TERRIFIC COMEBACK

Down 14 points at half-time, Thunderbirds staged a terrific comeback, tallying 14 markers without a return, to tie the score with two minutes left to play.

However the Bearcats scored twice in quick succession to put the game on ice as the Birds missed a couple of chances to score.

One very prominent athletic mogul on the campus is quoted as saying, "We lost because we were playing a better team."

This corner knows no better reason.

PUCKMEN SPLIT SEMIS; THIRD GAME WEDNESDAY

By FRED MOONEN

The UBC Thunderbirds journeyed to Nanaimo for two semi-final hockey tilts, and returned with one loss, one win and the hearts of 2500 rabid Nanaimo fans. Their sensational rallies, in both games came close to netting two wins instead of a 4-3 loss and a 7-5 victory.

Outplaying the Nanaimo club from the opening whistle of the first game, the Birds had poor luck around the goal, and this, coupled with some sensational goal-tending by Mike Rivers in the nets, contrived to keep the UBC outfit scoreless for the first two cantos. In the meantime, Nanaimo made their breaks pay off as they beat House three times in the first canto and once in the sandwich session.

CLIPPERS COASTED

Thus, despite being outshot 30-?? in the initial [illegible], the Clippers coasted into the last period with a 4-0 lead.

It was then that the Birds [illegible], and struck hard. Wagner scored his first goal at 1:57 of the final period and counted another at 8:45. Andrew brought the club to within one goal at the fifteen minute mark, and the house went wild. Despite the fact that another goal would have tied the game, every voice in the rink was raised for another student marker, but Rivers successfully held out all shots after Andrew's thrust. In the twenty minutes of the last period, UBC outshot the home team 25-8, but the rally fell short.

EARLY LEAD

The second game started in the same manner as the first, but this time the Campus club didn't allow the home boys too much of a lead, tying the game at 1:45 of the sandwich session after Nanaimo had taken a 2-0 and 2-1 lead. Berry got the first at 18:41 of the initial canto and Andrew tied it up, only to see the Clippers rap in two more goals to run the score to 4-2.

At the six minute mark, Koch scored his first goal since January 1st when he out-guessed Rivers. It was the first of three for the cagy winger, whose sparkling play was a highlight of the two-game set.

PICTURE GOALS

For the rest of the period, UBC dominated play, with Young, Andrew and Berry combining for a pair of picture goals, with all three featuring in each. Young banged in the first and Andrew got the other, to run his string to three goals and two assists for the series.

The third period was all Koch, as he skated from end to end, carrying the puck in on Rivers several times, beating the netminder twice in the final chukker. Stu Johnstone, ex-UBC player, scored the only Clipper counter of the period as he potted one during a Nanaimo rush.

CLEAN SLATE

For the series, UBC out-bot the Clippers, 95-60, out-scored them 10-9, and kept their slate clean of penalties while the Clippers garnered but two minutes in a remarkably clean series.

Andrew and Koch led the scorers with three goals and two assists for the centreman, while Bobby [illegible] three goals and one assist. For Nanaimo, Bob Rowledge, brother to Bachman Jim, netted two goals and two assists.

The final game goes at the Forum Wednesday night at 8:30, with everything in UBC's favor — big ice, home crowd (at least the boys are hoping) and all the consequent advantages, as well as just enough confidence.

VIKINGS WIN

In a hard fought mural hoop game, Monday noon, Vikings came from behind in the last quarter to defeat Psi Upsilon 33-31.

High man of the game was Psi U's John "Junior" Tennant with 12 points. Harold Irwin led the winners with 11 points.

JAYVEE HOCKEY

The Junior Varsity hockey club, second campus entry in a loop this year, enter the playoffs against Western and White, whom they beat last Sunday 5-1.

The club finished the regular league in second place and according to the schedule which calls for first-fourth, second-third semi-finals, the Jayvees will meet Western and White.

California Rugger Squad Downs Thunderbirds 3-0

Soaking rain, a slippery ball and a hard working California rugby fifteen ganged up on Al Laithewaite's Thunderbird rugby fifteen Saturday afternoon in the Stadium. The California Bears came out on top of a 3-0 score by virtue of a first half penalty kick.

It was the third loss in five starts for the highly vaunted Bears. The four game California series is now tied with one win apiece with two more games to be played at Berkeley. A series tie will result in the World Cup holder being decided by total points, and the Blue and Gold, on the strength of their 13-3 game of Thursday, are currently on top in that regard.

WELCH SCORES

It was Golden Bear Ed Welch, who after being thrown off the field for arguing on Thursday, got sweet revenge by dropping a penalty kick over the bar just before half time. Several other kicks by both sides were wide.

Several thousand fans turned out to see the heavier and harder fighting American squad employ attack tactics which continually threatened the Bird line and forced the Point Grey students to play a strong defensive type of game.

DEFENSIVE PLAY

Only by valiant defensive work on the part of fullback Bill Dunbar and the whole backfield, did the Birds manage to prevent the fighting Bears from running up an even higher score. Birds threatened in only two unsustained attacks, and the Blue and Gold three line did not click all day.

That the game was rough and hard fought was admitted by most spectators, and a heavy list of injuries, including Al Carlyle and Keith MacDonald, who were both packed off the field, was run up. All the Bird wounds are expected to be healed by the time they meet the Australian Wallabies in next week's international match.

THUNDERBIRDS TACKLE GHOSTS ON THURSDAY

Thursday noon, according to Luke Moyls, has been set aside for one of the sport highlights of the season—a basketball game between the Thunderbirds and the Sioux City Colored Ghosts.

Sports authorities claim that the noon-hour fray should merit approximately 300 students being late for 1:30's.

The Sioux City Ghosts have been considerably strengthened with the signing of Ziggie Marcel, of Globe Trotter fame. About the same size as crowd-pleasing Marland "Pee-Wee" Buckner who showed here when the Ghosts split a two game series with the Chiefs, Marcel was one of the mainstays of the World Champion Trotters.

FRAZEE, ROBINSON WIN AT SEYMOUR

Running true to form, John Frazee, popular ski team member, captured the Northland downhill trophy on Seymour Sunday with the record smashing time of 1:22.5 for the mile course.

Although handicapped by the howling snow storm, Frazee outdistanced his closest UBC rival Gar Robinson who fell several times in the tricky snows.

Only three UBC skiers left this morning for Banff where the Dominion Championships are being held. Doug Fraser Jack Leggatt and Gar Robinson are entered in the downhill and slalom events.

ENGINEERS RUGBY TEAM HEADS SECOND DIVISION

A second division rugby team, composed of members of the EUS trying to get the bodily contact they so dearly love, is a protest of burnt-out athletes against the lack of enthusiasm in the organization of rugby at UBC, where there are 200 players and only three teams, the first club being selected to retain all the cups.

Apart from ordinary viciousness, the team's game depends on the forwards — fifteen hundred pounds of scrum-meat. The threes specialize in missing tackles and hurling jibes—all designed to enrage their own scrum-pack. This practice was stopped when a head was heeled out instead of the ball. One rainy day at Connaught Park a fish was heeled out. Once the scrum passed out a pair of panties and the stupefied fly-back kicked a lace-edged field-goal. Last year the team handed the two-year champion Ex-Brits their first, but not last, defeat. The Engineers are tired of playing in the bush league where the seagulls have to be chased off the field before games and promise to play First Division next year if enough cast-off sweaters can be obtained from MAD. If anyone thinks differently let him get fourteen more with the same idea and enter the fray.

UBC Fitba' Team Drops Close Tilt

Varsity's three game winning streak went by the boards Saturday, when they dropped a tough 2-1 V & D Soccer League decision on the campus to the climbing Empire Hotel XI. The game was played in driving rain which by half time had turned the field into ankle-deep mud, wreaking havoc with kicks and passing play.

The second division UBC [illegible] also took it on the chin Saturday, bowing to Columbia Hotel 5-0 [illegible] grounds, to complete [illegible] weekend for Blue and Gold [illegible].

[illegible]

Varsity's six point [illegible] top of the heap still stand [illegible] as all other first division [illegible] cancelled.

LOST

Girl's wallet containing [illegible] papers, some money. If finder wants to keep the money that badly, please return the wallet to Marjorie Rowlings (KErr. 3417-L) or leave it at the sports desk in the Pub. No questions will be asked.

TOUCH FOOTBALL

Members of all Intramural touch football teams are advised to watch the Gym notice-board for schedules for that intramural sport.

TENNIS TRIALS

All those interested in [illegible] for the Varsity tennis team are asked to come to an important meeting in Arts 106 on Thursday at 12:30.

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