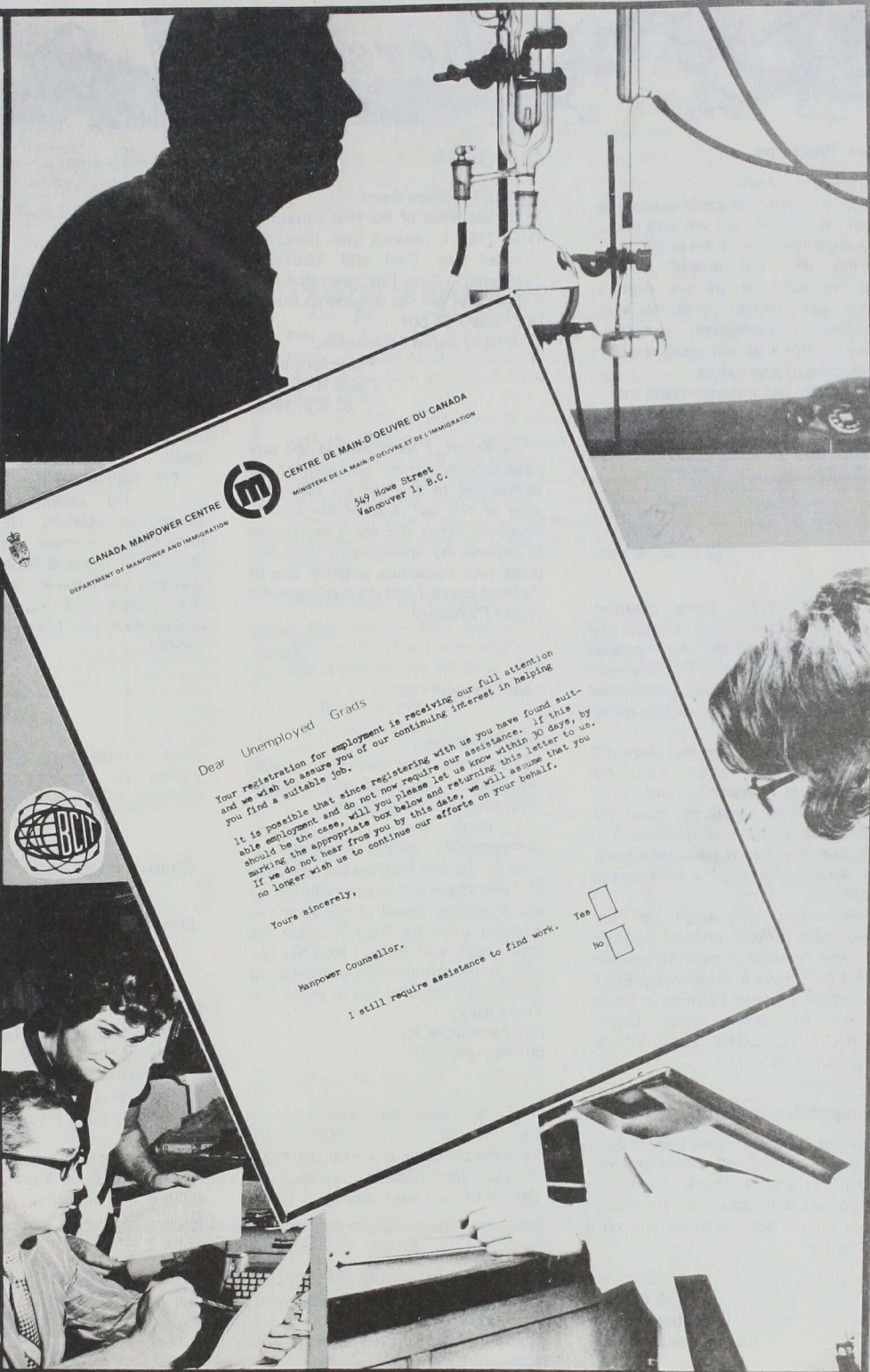



# The "TIE" -BCIT's Alumni Magazine



  
CANADA MANPOWER CENTRE  
DEPARTMENT OF MANPOWER AND IMMIGRATION  
CENTRE DE MAIN-D'OEUVRE DU CANADA  
MINISTÈRE DE LA MAIN-D'OEUVRE ET DE L'IMMIGRATION  
549 Howe Street  
Vancouver 1, B.C.

Dear Unemployed Grads

Your registration for employment is receiving our full attention and we wish to assure you of our continuing interest in helping you find a suitable job.


It is possible that since registering with us you have found suitable employment, and do not now require our assistance. If this should be the case, will you please let us know within 30 days, by marking the appropriate box below and returning this letter to us. If we do not hear from you by this date, we will assume that you no longer wish us to continue our efforts on your behalf.

Yours sincerely,

Manpower Counsellor.

I still require assistance to find work.

Yes ☐  
No ☐



# Letters

## Exec. Positions

To the Alumni Assn:

One question that could you please answer in the TIE as I am sure many of us are curious about the point.

How did the people in the executive positions of the Alumni Assn. get these positions: i.e. president, vice-president, secretary, treasurer, etc? I do not recall elections or anything of that nature.

Please do not misunderstand me. I am not calling you down. I realize it is hard to find people who are willing to sacrifice their spare time and energy. I am simply curious.

Thank you,  
J. Tofin,  
'69 Chem. & Met.

**EDITOR'S NOTE:** Good question. The executive were elected by acclamation at the last general meeting, held June of '70. There were less than twenty members present and the confirmation of the election rested with proxy votes.

This time it is hoped that there will be more representation from the membership to come and offer opinions, make motions, stand for nomination to the executive and firm this Association so it becomes a really functional entity with a constructive future.

Remember, the weight of this Association reflects on the Diploma you have received. A poor Association with a falling off of standards at BCIT will reflect on your Diploma as much as on the future grads. CARE ENOUGH TO COME AND VOICE YOUR OPINION!!!!

## Congratulations, UBC

Congratulations on your good progress with the alumni association and your publication. I have been very impressed with what you are offering your alumni and the image you set in "The Tie".

Sincerely,  
Jack K. Stathers,  
Executive Director,  
Alumni Assoc. of UBC.

## Sorry C & S

The BCIT Alumni Assn:

On the front of the first edition of THE TIE, I noticed you have not included the Civil and Structural Technology. Does this mean that C & S Graduates are not considered alumni? Did I waste \$5.00?

A reply would be welcome.

Yours very truly,  
David R. Burdett  
(C & S, 1968)

*As Editor, I must assume the sole responsibility for the oversight of the technology in the list on the cover page of the last issue of the Alumni Magazine. What else can I say except to express my apologies to these fine grads who constitute possibly one of the most spirited and devoted segments of BCIT's history.*

Toto Miller,  
Editor.

## MP Writes

Dear Mr. Miller:

Thank you very much for providing me with a copy of the "Alumni Magazine, Volume 1, No. 1."

I think that it is a very commendable effort. Especially in view of the fact that the B.C. Institute of Technology is in my constituency, I am immensely proud of the work that is being done by B.C.I.T. Since my most recent visit there, I have been an even more enthusiastic promoter of B.C.I.T., its students and its graduates.

Yours truly,  
Ray Perrault, M.P.,  
Burnaby-Seymour

*(Editor's note: Ray Perrault, as well as being the M.P. for Burnaby-Seymour in which sits BCIT, is also parliamentary assistant in Ottawa to the Labor Minister.)*

## Keep Magazine

### on High Level

Dear Sir:

I was most pleased to get the first edition of the TIE. Congratulations on a fine publication. Whatever you may do, do not allow the paper to slip into the style of so many of the current periodicals which are filled, from cover to cover, with garbage. For the sake of the Institute and all of its grads, keep the paper on a high and honourable level.

Tell Toto Miller if he has a chance he should attend an Advisory Committee Meeting. He would be impressed — I know, I have been a member of the E & E Committee for over two years and am impressed with the calibre and concern of the businessmen who have given so much to BCIT.

Victor J. Lipp,  
E & E, 1966.

*Love to attend your meeting! I'm willing to admit I'm wrong by evidence. — Toto Miller.*

## Charter Flight to

### Summer Olympics?

T.L. Kress, '68 Chem. & Met. grad, has responded to Brian Johncox's letter regarding charter flights to Japan in the negative. However, he has made an alternative suggestion for a possible charter flight to the Summer Olympics in Munich, Germany, to be held in 1972.

It's a good idea! If you're interested, let us know so we can explore the idea further.

## A Special Thanks

*Special thanks to G.W. Mitchell of the Forest Resource Technology, D.K. Bannerman, Director of Engineering Division and E.W.H. Brown, Director of Business Management Division for the invaluable assistance and support they have given in the development of this magazine.*





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Many thanks to John Horbatch, Publications Chariman for the Students Association of BCIT, for his valuable assistance in the development of this publication.

The Tie is a periodical published by and for the Alumni of the British Columbia Institute of Technology, 3700 Willingdon, Burnaby 2, British Columbia. The Editor-in-chief is responsible to the Vice President of the Alumni Association for the success, quality and content of the publication. Bylined materials are the personal opinions of the writer and not necessarily the editorial board. Editorial opinion is solely the responsibility of the editorial board and does not necessarily reflect the opinion of the the Executive or the collective membership of the Association.

A special thanks to Fran Dal Col, Secretary to Principal Dean Goard, for her valuable assistance to the Alumni Association and especially for the secretarial services rendered in the development of this magazine.

Most people are other people. Their thoughts are someone else's opinions, their lives are a mimicry, their passions a quotation.

— Oscar Wilde

## A WANT OF PROFESSIONALISM

Let's face it, technologists are struggling for an identity. The old cliché that we're between the 'professionals' and the 'vocational types', puts us in the same position as an adulterer trying to gain admittance to a nunnery. It's about time that we shouted the fact that we are professionals, and damn proud of it!

True, to find our niche in society will take time. But if we play around with the definition of a 'technologist' to the extent that it rests in the shelter of limbo, then we'll just remain in the state of nothing. And it's up to the Institute to escalate standards, weed out the poor instructors and programs and replace them with the best. How will this benefit the grads? Simple. We carry about that Diploma of Technology which can either prove to be our albatross or our mark of excellence; it can either impress employers or turn them off.

## WHERE ARE WE GOING?

A serious question must arise to which direction will our Diploma take us? Yes, you're a Computer grad or a Marketing grad or a Nursing grad, but what differentiates you all from Vancouver City College grads who have taken two-year programs in computer, marketing or nursing? You're a TECHNOLOGIST! It's almost like sugar-coating a cookie to satiate the employment appetites of the employers with a sugar that defies analysis ... So where are we going?

## BCIT — TECHNICAL UNIVERSITY

One possible direction that the Institute could follow is to hold on to its technology label and supplement it with a university one. Grads could receive their Diploma of Technology in a two-year program and return for a 3rd and 4th year to receive their degrees. Not only would this provide excellent staff, program and equipment for the benefit of training technologists, but would also afford the opportunity to grads to return to secure a degree without the fight for accreditation in Canadian universities or the expense of travelling to the U.S., where at least the Diploma of Technology is given some merit.

This idea is a revolutionary new concept in Canada and your comments and suggestions would be welcomed.

\* \* \* \* \*

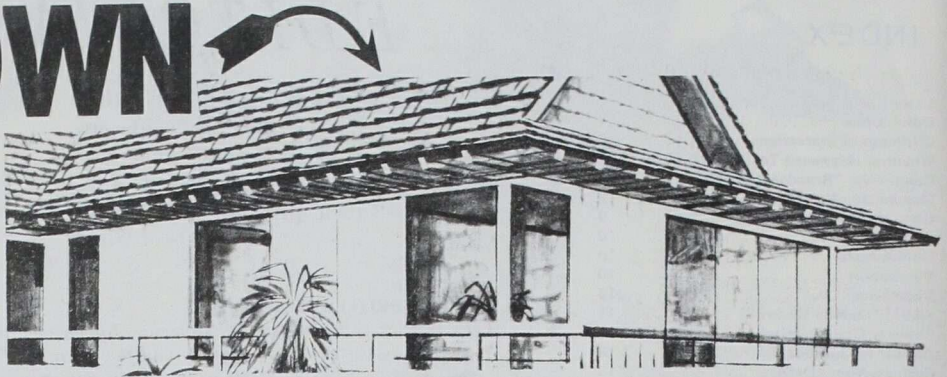
## THIS ASSOCIATION:

This association needs your enthusiastic support and interest to make it a sound force in maintaining the worth of your Diploma of Technology. It can provide a voice for you. You can direct its destiny by attending the Alumni General Meeting, scheduled for June 23, 1971 at 8 p.m.

Contributions will happily be accepted. The scope or area of the piece written is left to the writer. Editorial policy is left open and the limits of the magazine's content is only restricted to the submissions received. You can direct the submissions to Editor-in-chief, The Tie, BCIT Alumni Association, British Columbia Institute of Technology, 3700 Willingdon Ave., Burnaby 2, B.C. ■



# DOWN



(Editor's note: In the last issue of "The Tie", we introduced you to John Sutherland, Marketing grad from '69. John and his wife, Roberta, have taken the time to write back to add to what was already published. Also, Jim

Davis, '67 grad from Administrative management, who's also residing in Australia and sharing a flat with a '67 Hotel/Motel grad, Paul Berretoni, further adds to our understanding of what life Down Under is really like.

Add to our readerships luck Stuart G. Pitt's, C. & S. grad, observations and we've got a rounded look at life "Down Under".)

\* \* \*

## IT'S REALLY NOT ALL KOALA BEARS

— John Sutherland

How would you like to hit a kangaroo and have him come through your windshield, alive, kicking and tearing with the closest thing to him — you!!! This is something every Rep. (of Gillete) here, "in the Bush of Australia" is terrified of! And every year it happens to one of us.

Australia isn't all kangaroos, koala bears and aborigines. Nor is it all beautiful women, beaches and leisure. It's just like any other country with its good and bad points. I'll try to give a fair appraisal of it all.

At present, and I can see no immediate change for the future, I believe Australia is the land of opportunity. Unemployment is virtually nonexistent with many people holding down two jobs — the reason to be explained further on. If one really wants to work there's no problems getting employment. Each Wednesday and Saturday in "The Age" Newspaper there are approximately thirty pages of job opportunities with possibly fifteen of the thirty pages calling for the professional. This can be verified for yourself by purchasing "The Age" at one of the larger newspaper shops in downtown Vancouver or other metropolitan areas.

What's in it for a BCIT grad? Well, from personal experience, there is plenty for the taking. Our Diploma is considered very highly here. While looking for employment I took along a BCIT calendar to show the courses and detail. Employers were noticeably impressed.

Working here in Australia is similar to Canada or the U.S.A. Many large firms such as mine are American based. They practise the same marketing policies and procedures as overseas. I don't believe pressure is as great here — the typical Australian attitude is "not to worry more." If you want to work hard, the pressure is unlimited.

It all sounds pretty cozy up to now. So what's the problem? It can be summed up with one word, money! Salaries are just not high enough. True, one receives enough to live comfortably on, but he soon finds it very difficult to save. As mentioned earlier, many men hold down two jobs to enable them to have the few luxuries he should be able to afford on his first salary. Many women with children hold down part and full time jobs to supplement their husbands' income. To me this is wrong. Personally, I believe that the women, once children have arrived should make their full time job raising the children and looking after the home.

The husband should be able to supply all the money on one job for the necessities plus save a certain amount

for the future. Unfortunately, this is not as common as it should be. Rent is expensive, meat is inexpensive — however, the other food basics are expensive. Luxuries all have a 27 1/2 per cent sales tax.

As for the climate, in the summer months the heat is terrific and during the winter months, although the temperature doesn't dip below forty degrees, you feel the cold bitterly due to the lack of central heating.

To summarize, I would suggest Australia is a great country to start a career, gain a lot of experience in a short time and then head overseas with the valuable experience you have gained in the "land of opportunity".

As for "The Tie", it's a great start. I hope everyone gets behind the Alumni Association and supports it completely.

Best wishes to you all from my wife, Roberta, and myself.

(By the way, John's returned from Australia with his charming wife to settle down in B.C. John's reason for leaving rests with the cost of living Down Under.)



## Sights change Drastically Mile After Mile

— Stuart G. Pitt

In the follow paragraphs I will try to describe life in Australia as it has affected my wife and I. Bear in mind our impressions may be biased because our travels have been restricted mainly to New South Wales.

Employment, at present, is full with wages being approximately sixty per cent of those received in Canada for professional or technical personnel. Since our arrival in Australia I have been employed by a Sydney based consulting firm for fifteen months, the first nine months being in the country branch office. The company specializes principally in hydraulics and my participation to date mainly concerns assisting in the design of irrigation schemes, site investigation of proposed dams and water reticulation systems, flood mitigation works, structural design and estimates of corresponding hydraulic structures. I found having two years experience in the construction industry in B.C., after graduation, a definite asset. We have found the situation here a good opportunity to obtain experience in our chosen fields.

The cost of foodstuff and accommodation here is very similar to that in Vancouver, however, it commands a larger percentage of a person's net income. While some goods are cheaper, for example meats and woolen goods, these are quickly offset by the cost of such luxuries as the telephone, television and necessary household appliances.

Travel within Australia is achieved by either airplane, bus, train, boat or private vehicle. The latter being most suitable for travelers like ourselves. The sights change drastically mile after mile from snowfields to arid desert, cities of three million to aboriginal missions of a few families, Newcastle steel works to Dubbo stock yards, and country life to city life.

Entertainment in the country areas as Irene and I found, depends mainly on one's own imagination to arrange weekend camping trips, afternoon barbeques, bushwalking (hiking), theatre outings or local sporting fixtures. City entertainment depends primarily on what your budget will allow.

Because of the generous abundance of good weather, the "Aussies" are extremely keen on sports both as participants and spectators. Summer sees swimming, surfing, water skiing and cricket dominate while winter provides the atmosphere for rugby league, Australian rules, Rugby union and a game quickly catching on due to the influx of European migrants — soccer.

Being past my prime but unable to "hang up the boots", I still enjoy a Saturday game of Union.\*I am also

## MUST SELL QUALIFICATIONS

— Jim Davis

As I have not been in Australia very long, I am not an authority on life here. I go along with John Sutherland's comments about costs which he mentioned in the last issue of "The Tie". Food and Shelter costs are as high as Vancouver but the average earnings here are less, hence, a greater percentage of earnings is taken up for food and shelter. Taxation is higher here.

The opportunity in Australia is quite good, especially in the Business Administrative field.

For myself, I decided what kind of position I wanted, what kind of money I wanted and what companies I would be interested in. I made a list from Who's Who in Australia then set out to get interviews with them. I had very good response from such companies as Shell, Caltex, Alcan and other large international companies. But, you must get out and look hard and sell your qualifications. Your salary

# UNDER

getting a great deal of satisfaction coaching a minor soccer team, passing on to the boys some of Mr. E. Cairns' techniques.

We both feel anyone wanting a change of climate and experience could benefit greatly by spending a few years "Down Under".

I have received my January issue of "The Tie" and I am impressed with the standard of publication (although a little disappointed in not hearing from the Civil and Structural Department).

depends on experience, qualification and age.

For many of my fellow '67 graduates it will surprise them that I have actually quit travelling around and taken a permanent job. It was during these travels that I decided Australia was a good place to start a career job, so I returned here last December. I am sharing a "flat" with a '67 Hotel Motel graduate, Paul Berretoni, whom I met in the middle of nowhere in Turkey.

My future plans are very undecided. I do plan to stay in Australia for about five years. Whether or not I shall stay with Dow Chemical I don't know. If I do stay with Dow, I shall try for a transfer back to Canada or maybe to Southeast Asia somewhere. I would also like to try something on my own or with a partner. The future???

I enjoyed the last issue of "The Tie" and do keep it up. I find it interesting to know what is happening at the Institute and what the graduates are doing.

## VOLUNTEERS

The Alumni Association requires VOLUNTEERS for:

- SPORTS
- ACADEMIC COMMITTEES (representing Alumni on BCIT committees and Technology Advisory Committees)

If you are interested, contact the Alumni Association or Brian Johncox by phoning 324-2639.





Photo by John Horbatch.

*Editor converses with Health grad on the situation of "starvation".*

## MEDICAL LABORATORIES

It was just over two years ago that I blasted the deplorable situation of sending out our Medical Laboratory graduates on a one-year internship in hospitals for \$100 a month. At that time I wrote in the BCIT student publication, "I cannot help but feel that a blind man with a tin cup gets a better break." Despite the fact that the \$100 was upped to \$150 and coupled with a \$45 meal allowance, after a two-year wait I cannot help but shout the same accusation.

For two years, the powers that be have had time to evaluate their attitude towards this situation that forces these grads out into the hospitals for such deplorable wages; for they must be considered wages since the income tax dips its hands into the cheques. And action to improve this tantamounts to little, if anything.

Then there comes the question of the student loans these grads were forced to draw during their 2 years of training at BCIT. The option is left to the bank managers where these loans were drawn as to whether interest and payments will be charged these grads while they're interning.

*(The author brings forward some of the bitter realities that are faced by fellow graduates in Health and offers recommendations.)*

Surely, the \$150 should be boosted to something more in line with what could be considered a living income. But, unfortunately this proper banner is not being waved by the Health Division and administration at BCIT; leastwise, you never hear a squawk from them about this matter. I suppose they figure their responsibility is educating students, the "hell" with the rest. After all, they've got their jobs and can eat steak while the grads on \$150 a month turn to their pauper's gourmet of pork and beans.

One possible solution, apart from upping their present \$150 a month, is to keep these interning grads under the BCIT wing, if in name only. This would not deprive them of their Diploma of Technology after their two years, but since this internship is compulsory, the overture of the link seems feasible. In this way a freeze would be placed on the loans of the grads and they would also be eligible to draw out again from the student loan fund. Apart from this, the grads would not be forced to pay back the loans until six months after completion of their training, thus allowing them the benefits of the regular student body.

The above proposal could also serve the X-Ray grads who serve an internship for about the same duration as Med Lab grads, and Nursing grads, who intern during the summer of both first and second years.

...

## MEDICAL RADIOGRAPHY

In the Medical Radiography (X-Ray) case, the allowance to live on is some \$300 per month, but after interning the question of jobs becomes the crunch.

In 1969, there were 35 graduates who finished their internship and passed their Registered Technicians' examinations. For well over a year, these grads have been struggling to get a full-time position in the hospitals — a few were lucky in acquiring immediate

positions, but most were not. The jobs have come agonizingly slow to where, some of these grads from the technology have projected that by late 1971 some 50 BCIT trained, registered technicians will be pounding the pavement in search of full employment. Whether that figure is extravagant is not the matter of debate. What is of concern is that there seems to be little consideration to holding back the line on graduating these students with the fact that 56 potential grads were enrolled in the technology last September. I'm at a loss to see this reasoning, unless, what one grad told me holds some weight. "They're just out to keep their jobs and don't give a damn about us when we're out of their clutches."

One problem towards employment of BCIT grads from the technology is the fact that hospitals appear to favour their own trained graduates who write their Registered Technicians exams at the same time as the completed, interning BCIT grads. Another cited dilemma that clouds the employment picture for not only X-Ray grads, but Medical Lab and Nursing, is that the hospitals appear to hire Australian and English personnel. One graduate commented, "They (the hospitals) hire these immigrants repeatedly, leaving graduates walking the streets for handouts."

What's the answer? Surely a policy that brings forward action from the BCIT level, up to the hospital boards and further up to the provincial government ... Are we graduating too many? Are the charges that Canadians are being turned down in preference to Australian and English personnel legitimate? (And don't give us the answer of the more experienced immigrant winning out when applying — if that's the situation, why not open our national doors wider and save the cost to the taxpayer of educating Canadians.) Answers must be given NOW before an intolerable situation becomes a desperate one.



# STARVATION

by Toto Miller

## NURSING

Here again the question of jobs becomes a primary concern. There was a case last year of one grad who wrote 36 letters of application and received the same number of declinations. Many of these grads are placed while many have to wait months before they can slide themselves into openings. During their wait for a break, I've met these grads employed as waitresses and salesgirls.

Although the technology has held the line to around the 90 mark for

entries into the technology for the past couple of years, a shuddering reality emerges! Vancouver City College has opened up its own nursing program which will see a graduating potential of 105 each calendar year. Apart from this being a waste to the taxpayer in having two training centres within such relatively close proximity through duplication costs, the fact that BCIT grads will be competing for jobs with Vancouver City College grads, Vancouver General grads and so on creates a mushrooming problem.

True, these programs for colleges and BCIT are part of phasing out operations for hospital schools of nursing, but action has been extremely slow.

So the next time you're at a lunch counter, the hand that might be setting that cup of coffee before you might belong to a Registered Nurse. Who would have ever thought that the daughters of Florence Nightingale would have been forced to branch out from delivering mercy to delivering food?

# WHATEVER HAPPENED TO--?

Donald Kloster, '69 Marketing grad, has received congratulations from Canada Permanent Trust's Sales Manager, Jack Moran, for pushing hard in the year of economic slump.

Donald works as Sales Representative for the company and in 1970 found himself as one of "...the Top Ten Producers ..." in the firm's Real Estate Department.

Congratulations, Don, and the very best for a more successful 1971.

Martin observed that most of his graduating class at N.C.S.U. had from four to five offers of employment, entering the industry as process engineers.

We'd like to extend our congratulations to Martin and hope to chalk him up soon as the first PhD in our alumni ranks.

College Entrance Examinations Board,  
Box 592, Princeton, New Jersey,  
USA, 08540.

Fred informs that the costs for staying down in North Carolina for 9½ months is \$3,200 in U.S. funds. However, he observed, "They are pretty liberal with scholarships here after you have been here for one semester. They usually give \$600 per semester for foreign students..." and Canadian students are eligible for Canada Student Loans.

Our best for a successful education to Fred.

## KLOSTER

### IN TOP TEN

Martin Schroeter, '68 grad from Forest Products, is working on his PhD in Wood Chemistry at the North Carolina State University. Martin was awarded his B.S. in Pulp and Paper Science Technology from the University and received an assistantship when he made the decision to enter the graduate school to shoot for the ultimate degree — PhD.

"They are —almost begging the students to go into Pulp and Paper graduate school," Martin, in correspondence with Gordon Mitchell of the Forest Resource Department at BCIT, writes. "They have a lot of money and good facilities. ..." for the extensive training in the N.C.S.U. graduate school.

## TANNER JOINS

### SCHROETER

Fred Tanner, '70 grad from Forest Products, is following the steps of Martin Schroeter with his entry into the North Carolina State University on his way to a degree.

After applying to 5 pulp and paper schools, he was accepted in 4 and in the fifth was too late in his application submission. He chose North Carolina State because it gave him "...the best deal...", awarding him 62 credits for his BCIT training on the way to the required 139 credits for the degree.

For others interested in North Carolina State University, Fred notes that, besides the necessary high school and BCIT transcripts, a set of tests must be written by the applicant before consideration for admission is given. These tests are given 5 times a year at UBC and for information one should write:

## STEFFANS AT

### MICHIGAN TECH. U.

Paul Steffans, '68 grad from Mechanical Technology, has been accepted as a student at Michigan State University. Paul is working towards a B.Sc. in Mechanical Engineering. He received credits to the amount of which he can receive a degree by June of 1973, having started his studies in September of 1971. This indicates that Paul received an equivalent to two years for his studies at BCIT.

The Michigan Technical University degree in Mechanical Engineering is accredited by the Engineering Council of Professional Development in the USA and by the B.C. Association of Professional Engineers.



# COMMENTS 'Broadcast Article'

Senator Keith Davey writes

## "MAXIMUM PROFIT FOR MINIMUM SERVICE"

Dear Mr. Miller:

Thank you for sending me the January issue of "The Tie". I was, of course, particularly interested in the article on broadcasting.

As will be clear from a general reference to Volume 1 of the Senate Committee Report on Mass Media, we share many of the concerns described in this article.

In particular, we think that too many broadcasters pull the maximum profit out of their community and in return provide minimum service. Broadcast salaries are of course an excellent case in point.

I think the C.R.T.C. is most certainly moving things in the appropriate direction — and while applauding your comments about the need for better broadcast training I must say I would be reluctant to see any form of Government licensing of broadcast personnel. Surely those in the industry should set their own standards which could then be rigidly applied.

Thank you.  
Yours sincerely,  
Keith Davey.

Dear Mr. Miller:

A comment or two on your article, "Broadcasting, The Forgotten Industry".

Few people will, I think, disagree with you regarding the poor pay and working conditions which generally exist throughout the industry; in fact, most of the points you raise were recently confirmed in Senator Davey's report on the Mass Media. There is, however, one notable exception — the Canadian Broadcasting Corporation — which certainly is the leader in pay and working conditions, and yet is constantly finding itself in the position of having to justify its expenditures. I agree with you that if we desire good, creative programming we are going to have to pay acceptable wages; but why is it that the C.B.C. which, alone in the industry, is already paying fair wages to its employees, has put up with an annual barrage of abuse from the public because it costs the Canadian Taxpayer some \$40 million per year?

The 1968 graduate who commented, "Broadcasting should be a creative industry, but at the moment it is being hamstrung by government regulations, bumbling management, and poor wages", is right on only one of these three counts — the last. It is not government regulations which has "hamstrung" creativity, but the Canadian public, which will watch and listen to, without criticism, the rubbish which is served up to it day after day and night after night. The

Canadian public doesn't want creativity, it wants Lucy, the F.B.I., and the Rosebowl. It prefers to listen to eighteen hours of canned rock & roll music a day rather than to give mind a little exercise. No, it is not government which hamstrings creativity — indeed the CRTC has some excellent Canadian content rules, which are designed to stimulate creativity in Canada among Canadians, and the most creative of Canadian radio and/or television stations, the CBC, is a government controlled corporation.

Can it be then, that "bumbling management" contributes to lack of creativity, as this 1968 graduate declares? I submit that "management" certainly does, but the adjective is wrongly chosen. "Grasping", "greedy", "selfish", and many other adjectives could have been a better choice. Again, we have only to look at Senator Davey's Report to discover that radio stations and television stations reap huge profits while underpaying their employees. Any organization which makes a lot of money does not suffer from "bumbling management".

Let us hope that those BCIT graduates who do make it to the top and in turn help shape future industry policy, will remember how things were when they broke into broadcasting and will have the guts to do something about the calibre of the industry — both from the point of view of the employee and from that of the public.  
R. F. Knott,

BCIT English Department

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## GRAD RECOMMENDS SOCIETY FOR BROADCASTERS

Dear Toto:

Your article in "The Tie", has prompted me to write.

First, I agree with your assessment of the industry in B.C. Having just returned from a cross-Canada trip I can also assure you that it is similar and worse in most places. The future of Broadcasting students at BCIT quite probably does lie with public relations work.

I must disagree when you imply that we must look to the CRTC to raise standards in the broadcasting

industry. Especially when related to personnel and working conditions. Whether or not the solution is even in their mandate is problematical. They will not act. Despite anything the Davey Report says. The opposition that was mounted by Broadcast management to the Canadian Content Regulations would seem like a Victorian tea-party compared to ghetto reaction if the CRTC moves into this area of regulation.

The answer is that we must better our own working conditions through

our own efforts. This means forming a society of professionals working in the electronic media. This society could then use group persuasion with broadcast management. This society could undertake to upgrade the profession by insuring a certain standard of training for members and a minimum wage for these members, or rate, if you prefer.

Surely this is not an unreasonable solution. People would not let their children be instructed during school hours by an individual just out of high



school. Yet these same people are allowing their impressions of the world they live in to be formed by that same individual. Anyone connected with the media will agree that there is no such thing as an item unaffected by personal bias.

Another reason for the formation of this society is the slowly moving acceptance of educational T.V. In many areas, this type of instruction has been tried but has proved ineffective. Why? In many cases due to the lack of professional media advisors to determine what is an effective television presentation and what is not.

What form should this association take? It should accommodate announcers, cameramen, operators,

newsmen under one roof. This would not restrict movement from position to position and likewise would not hamper the mobility of a crew. It would also circumvent the problems of restricting individuals that some current unions have not been able to overcome.

This society is the only solution likely to bring results. It is proven almost daily that no demands are met unless there is a group of people willing to insist as a group that they are concerned. Broadcasting is almost the last frontier. No union, no association, just the individual versus the corporate system every hour on the hour.

Certainly, our society has a built in system of economic censorship. But the electronic media are beyond this

and into the stage where many stations are public relations clearing houses for anyone with the money to exploit the public further. Why? Because broadcasters, at the employee level, often do not have the inclination or competence to ask questions.

What about the relationship of this society to the CAB (Canadian Association of Broadcasters)? Hopefully any move to improve broadcasting in Canada would be cheered by them. On the other hand, what about Canadian content and the Davey Report? I have as little faith as you in the broadcast industry's motives.

Tom Swanky,  
Broadcast - '70.

## ALUMNI GENERAL MEETING

JUNE 23 1971  
at BCIT

ROOM 129

8 p.m.

### Agenda for General Meeting

- |                             |                  |
|-----------------------------|------------------|
| 1. Call to order.           | 5. Old Business. |
| 2. Additions to the Agenda. | 6. New Business. |
| 3. Executive Reports.       | 7. Adjournment.  |
| 4. Election of Officers.    |                  |

### PLEASE NOTE

Dues are \$5.00 per year. The fiscal year runs from June 1 to May 31. It costs \$5.00 anytime within this period because the Alumni Association relies solely on your dues and donations. The Alumni Association, unlike most Alumni Associations, is not aided financially by the Institute whose grads it represents.

NAME .....  
ADDRESS (Mailing) .....

TECHNOLOGY AND YEAR GRADUATED .....  
PHONE NUMBER (Home) .....

OCCUPATION AND BUSINESS ADDRESS .....

☐ I have enclosed a cheque or money order to cover my annual dues from now until May 31, 19....

☐ I have enclosed a cheque or money order for the sum of ..... dollars which I wish to contribute as a donation to the Association.

☐ I do not wish to join the Alumni Association at this time.

☐ Renewal of Membership

☐ New Member





## United Appeal Helps Deaf

A shake of the dice and up comes Number 1! It's a fun way to learn at Western Institute for the Deaf, one of more than 70 services which receive operating funds through the United Appeal.

Youngster attends pre-school at WID, where children suffering hearing impairment are taught, with the help of special hearing aids, basic learning skills in addition to sign language and lip reading.

The agency coordinates services to the deaf and hard of hearing. It also provides vocational and personal counselling, job placement, audiological assessments, psychological services, interpreting, classes in lip reading and sign language, and parent guidance in addition to its pre-school program.

From the proceeds of the 1970 United Appeal, Western Institute for the Deaf received \$43,836 to help cover its 1971 operating expenses.

# Johncox

Since January's issue of THE TIE, some of the more important activities the Alumni Association has been involved with were:

- arranged with Jerry Lloyd, BCIT's Athletic Co-ordinator, to have access to all gym facilities
- set up and staffed an information booth during BCIT Centennial Open House;
- alumni rep on committee (see separate article);
- promotional activities such as recruiting new members from the '71 graduating class.

Still, we need your assistance to become a viable force working for you. This past year 6 grads, all volunteers, have spent many hours trying to bring to you members a return on your investment (your \$5.00 dues). But we have had very little response from you as to your views on what you would want. Perhaps we are offering the wrong things or too much

or ...? We just don't know. We would hope that a vast majority of you, like the six of us, want to see the Alumni Association grow and be successful in its endeavours. But damn it all, we need your help. We all hold jobs, some take night school courses or are married and have other responsibilities, but we find the time to put out newspapers, set up charter flights, prepare questionnaires, set up an athletic program in the gym for grad use, etc. But about 97% of the membership shows little, if any, interest in our efforts. This is awfully discouraging.

Please lend your support to the Association. Granted, dollars are coming in, but this is not enough. We want to hear from you, and if possible, have you offer a little of your time in developing the Alumni Association. If you have any criticisms of the TIE or anything else from the Association, please tell us.

We thank you for your dues and donations. Those who have taken time to offer up their views are greatly appreciated.

## Volunteers Vital

### to Community

Besides donating annually to the United Appeal, and thus helping more than 70 member services, many thousands of men, women and young people give generously of their time to help as agency volunteers.

To help channel this flow of good will and talent to where it is most needed is the job of the Volunteer Bureau of Greater Vancouver, itself a member of United Appeal, located at 1625 West 8th Avenue, Vancouver 9.

By acting as a matchmaker, the Volunteer Bureau pairs volunteers with agencies' needs to achieve the greatest effectiveness in the various health, welfare, rehabilitative and educational programs provided in the community.

There is virtually no limit to the jobs awaiting volunteer help, nor is there any limit to the satisfaction a volunteer feels in contributing of himself for the benefit of others.

For further information, please phone the Volunteer Bureau at 731-6168.

## OUTGOING EXEC STAND

### FOR RE-ELECTION

The Alumni Association's 1970/71 executive have indicated their willingness to stand for re-election, the voting to take place during the annual general meeting.

The only exception to the declared candidates is outgoing Vice-president, Chris Cairns (Business '69), who indicated that the decision to not seek re-election rested with the sound possibility of a transfer out of the lower mainland area in the near future.

Seeking re-election for the same positions they served for the past year are President, Brian Johncox (Business '69), Secretary, Wendy McAlpine (Forestry '68), and Treasurer, Jim Mitchell (Business '67).

Nominations will also be accepted from the floor at the general meeting.



# ACS 'QUALITY CONTROL'

## "TOTO MILLER"

At the B.C. Institute of Technology, a Committee called the Academic Standards Committee has been functioning for some time. The Committee consists of instructors representing the three Divisions: Business, Engineering and Health; instructors from the various departments (Chemistry, English, Mathematics and Physics) and representatives from the Students Associations and your Alumni Association. The terms of reference of the Committee are reproduced below from the memorandum of March 13, 1970 issued by Mr. J. McAdam, vice-principal at the Institute:

"There is a need for yet another Committee, however, which will recommend general standards which will be applicable to all programs. For

example, what percentage of the content of any program should be devoted to such curriculum topics as the following:

- basic science courses
- communications courses
- general technical courses
- specialized technical courses
- management skills
- occupational experience

The Committee would consider if minimum and maximum percentages should be set for these component sections of programs; how many (minimum and maximum) separate courses should be offered in any one term; what proportion of instructional time should be allocated lectures and to labs, problem periods or seminars.

It would also consider such topics as the meaning of terms such as "program", "option" or "elective".

In general, the Academic Standards Committee would consider the philosophy of technical education and suggest guidelines which would be useful in developing and maintaining a high standard of excellence here at BCIT."

I have been attending the meeting of Academic Standards Committee as the representative of the BCIT Alumni Assn. Here is then the unique chance of participating in Technical Education "quality control"!

Please make your views available either to me or write directly to Mr. A. Kshatriya, who is the present Chairman of the Committee, care of the Physics Department at the Institute.

## FORESTRY GRADS LIMITED BY INDUSTRY

*In the last issue of the Alumni Magazine, we brought forward the fact that the Forest Technologist's Association of B.C. was conducting a survey on whether or not grads from the Forestry programs at BCIT and Selkirk College were "...limited in their jobs because of education." Thanks to B.R. Young of the Association, who conducted the survey, the findings are reproduced below.*

*First, a brief history of the Forest Technologist's Association of B.C. and their aims.*

*Incorporated under the Societies Act in 1969, the idea of an association grew with the first graduating class from BCIT in 1966. The Association's objectives are:*

- 1) to provide an Association to promote mutual interests and protect the right of their membership;*
- 2) to maintain or upgrade, if necessary, the standards of Forest Technology in British Columbia;*
- 3) to sustain a high level of proficiency amongst their members;*
- 4) to promote, encourage and guide the education of their membership and*

*5) to improve communications between their membership on an Association level and the various national and provincial organizations that are concerned with Forestry.*

Results of the Survey made to Determine if Forest Technologists are Limited by Education:

This survey was conducted to determine if our education is a limiting factor in our jobs. The returned forms from this survey were very disappointing as only 24 people out of 80 took the time to send in their survey forms.

Results found:

We are limited in that we are not professionals.

1) Engineering and Production — not limited up to and including Divisional Engineers. We will likely be

limited beyond this point.

2) Forestry — limited in that we cannot become Assistant Foresters or Foresters.

The main complaint is that Forest Technologists are doing work that is classified as work which should be done as professional foresters. It disturbs me that Industry finds us capable of doing some of the work done by Foresters, but they will not give us Assistant Forester positions.

Recommendations:

1) Forest Technologists should get more education.

2) Continue as a Technologist with the idea that Industry will recognize and promote a man on his initiative and ability.

B.R. Young, Dipl. T. (Forestry)  
Committee Coordinator.

*Alumni Association Office  
British Columbia Institute of Technology  
Library — Room 302  
Phone 434-5722 — Local 370  
OFFICE HOURS — Wednesday Evenings*



# ANSWERS TO QUESTIONNAIRES

(Editors note — In the last issue of "The Tie" two questionnaires were submitted to members and nonmembers of the Alumni Association. The questionnaire concerning the "reunion" was run in

conjunction with the second year Marketing students. The questionnaire concerning "extension programs" with the two concluding questions on technology evaluation graduated from, titled "For our File", was conducted

for us by Chris Chairns, He has tabulated the results and reproduces them for you. It is to be noted that these results have not been supplemented with a few late deliveries.)

## Reunion Survey Conducted by 2nd Year Marketing Students

### 1. TECHNOLOGY —

Building	5
Broadcasting	8
Business	46
Instrumentation	6
Forestry	18
Forest Products	9
Chem & Met	8
E. & E.	20
Hotel/Motel	5
Health	22
Mechanical	9
Survey	6
C. & S.	13
Gas & Oil	3
Food Processing	5
Mining	3

TOTAL

198

### 2. Year graduated —

1966 — 20
1967 — 25
1968 — 16
1969 — 75
1970 — 62

### 3. Single — 131. . . Married — 67

Male — 153. . . Female — 45

### 4. Places of residence:

local (within 75 miles)	112
within B.C.	62
Canada	21
Outside Canada	3

5. For reunion — 130 . . . Against reunion — 57 . . . Undecided — 4 . . . Couldn't attend or too early — 7.

### 6. Events wanted for reunion —

Although some of your answers varied from "pot" parties, stags, orgies and drinking contests, nearly all wanted a guest speaker with a dinner/dance. Sports events, open house and reunion with instructors were also popular.

### 7. Time of reunion —

No definite trend developed here, but possibly it should be arranged on a long weekend so that the many alumni outside the lower mainland could attend.

### 8. Expenses to cover reunion —

Your answers varied from \$2.00 to \$50.00, but the most prevalent consensus was \$10/\$15 per couple.

## Results of "From our File" Questionnaire

1. (14%) of the alumni had taken night extension courses at BCIT since graduation.

2. (21%) had taken a course elsewhere. Your answers varied from "Defensive Driving" courses to music lessons, but one definite trend was that many of the alumni were taking courses at U.B.C., S.F.U., etc.

3. Although (46%) of you who answered that you intended to take an extension course in the future, I feel this probably would have been higher except for the remote areas which you were presently employed.

4. Your answers to the question, "Is there any course that you would like to see offered on the BCIT Extension Program that is not presently given?" were specific in many cases, but the following were the ones mentioned most:

- 1)Public Speaking
- 2)Hydraulics
- 3)Technical Report Writing

- 4)Cost Analysis
- 5)Speed Reading
- 6)Pollution Control
- 7)Business Reports

(The results of the above will be passed on to BCIT Extension Department, but, for example, I know that E. W. H. Brown, Director of Business Management, was teaching an excellent course in "Public Speaking", but the course had to be cancelled in September of 1970 because not enough people had chosen to enroll in the course.)

5. Does your present employer encourage you to take night school courses? Your comments here were: YES — 23% . . . NO — 44% . . . NOT APPLICABLE/NO ANSWER — 19% . . . DON'T KNOW — 14%

6. Does your company have its own training, company library, seminars, etc.? YES — 73% . . . NO — 16% . . . NO ANSWER — 11%

7. What percentage of night school courses will your company pay if you pass? ALL — 20% . . . NONE — 32% . . . ONE HALF — 22% . . . OTHER — 26%

8&9. Your comments on the pros/cons, courses deleted, modified, etc. were varied and interesting. Many of you took a considerable amount of time to offer constructive criticism to improve some courses, field trips, etc., and we thank you. Some of the alumni wrote up to 800 words and we realize this took a considerable amount of time.

Approximately 3/4 of you were generally pleased with your Diploma of Technology. For those of you who feel your technology taught you that wrong knowledge or not enough of this course and too much of "that", stop for a moment and realize that your technology was designed by an advisory board for a specific industry, not just the particular company you're employed in.



For those of you who feel BCIT was a waste of time (the breakdown of the questionnaire shows that 3% returned

to further education or were unemployed, etc.), thank you for your comments. We sympathize with the

unemployed and hope the economy will be on the upswing in the near future.

## BUSINESS MANAGEMENT DEFINED

Chris  
Cairns

**MANAGE** (man ij), v., -- aged, aging.  
-- v.t. (1) bring about (2) handle, direct, or control (3) succeed in accomplishing (a task, etc.) -- v.i. (4) conduct affairs

### BUSINESS MANAGEMENT IS . .

- believing in yourself
- directing people
- being fair, firm and consistent
- at the centre of tests and troubles of all kinds
- keeping your prospective and view of total situation
- brave self-assertion
- believing in Machiavelli
- not passing the buck
- continuing one's education
- enthusiasm
- not failure to support his people
- patience
- trying to be Vince Lombardi
- creativity, imagination and personality
- solving problems
- not using employees as scapegoats for own errors
- not making personal impressions, but getting desired action
- telling someone to go to "hell" in such a way that they enjoy the trip
- leadership
- **HIRING A B.C.I.T. GRAD**
- not rose-coloured glasses
- responsibility, awareness and action
- heart attacks
- doing four or five things at one time
- not gossiping
- dexterity to improvise return on investment
- not over supervision
- not snoopervision
- rewarding
- natural talent
- dealing with people
- feeling for humanity
- planning
- not being self-centred
- efficiency
- building a better mouse trap and then selling it
- a jungle
- to combine the qualities of a dreamer and the practical builder
- finding time to read *Up The Organization* by Robert Townsend
- scrutinizing

- not being a Ned Harkness
- choosing capable subordinates
- working more than forty hours a week
- keeping your balance
- being positive
- the art of thinking
- overcoming obstacles
- bring the best out of people
- taking a long range view
- men and women
- ulcers
- knowledge
- the capacity to introduce new ideas
- not loud reprimands in the presence of others
- knowing the market area
- high blood pressure
- being concerned about ecology
- the ability to hear as well as listen
- making decisions
- judging the employee, not the color of his skin

The following is for few particular alumni who wrote letters knocking their two years at BCIT

*Professional students, sooner or later you will graduate again and again, you will probably have to face the work force, then maybe you will blame U.B.C. or S.F.U. instead of*

— never forgetting the little things no matter how high up the promotion ladder you go

- being able to communicate
- confidence
- wisdom
- not Tom Terrific
- believing that "If you can control it worry about it, and if you can't forget it"
- Hugh Hefner
- being cost-conscious
- integrity
- being an innovator
- research
- utilization of time and people
- having perception
- being aware of economic conditions
- reading *The Peter Principle* and having a good laugh
- is realizing the proverb, "the way to knock the chip off a fellow's shoulder is by patting him on the back"

**IS A WELL EDUCATED MANAGER AND MAYBE A WELL EDUCATED MANAGER IS A MYTH!!!**

*BCIT. Remember your degree will not invite prospective employers to come running to you, offering wealth, status and power. You have to earn it! I suggest you read Myth of a well-educated Manager which is abridged and re-published in this issue of the magazine and then think about it!!!*

## INSTRUCTORS IN KENYA

Victor Heath, Department Head of Forest Resource Technology, returned last Christmas from Kenya where he had been sent by the Canadian International Development Agency (one of Canada's overseas projects to assist developing nations). His reason for going was to set up a curriculum for training technical forest assistants.

Alf Cuthbert (senior instructor of the department) went over in November of '70 to replace Mr. Heath and carry on with the task by setting up a program to instruct the trainees in the new courses and is anticipated to return by next Christmas after his replacement, Eric Crossin of the Department relieves him. Crossin will

remain in Kenya for a year and a half.

The families travel with the instructors. The work is on a contract basis with instructors receiving leaves of absence from the B.C. Government which invoices the government of Canada for wages while the instructor is overseas.

One interesting observation that Mr. Heath relates is that Kenya lions mate sporadically, but when they do they let loose with a frenzy that would stun even a Don Juan. One noble beast, relates our observer, mated seven hundred times within a 24 hour period. Now we all can appreciate why that august creature is called the "King of Beasts."



# MYTH OF THE WELL — EDUCATED MANAGER



— J. Sterling Livingstone

Extracted and abridged from  
January/February 1971 issue of  
*Harvard Business Review*.

.....

There is no direct relationship between performance in school or training programs and records of success in management.

How effectively a manager will perform on the job cannot be predicted by the number of degrees he holds, the grades he received in school, or the formal management education programs he attends. Academic achievement is not a valid yardstick to use in measuring managerial potential. Indeed, if academic achievement is equated with success in business, the well-educated manager is a myth.

.....

## CONCLUSION (UNABRIDGED)

Many highly intelligent and ambitious men are not learning from either their formal education or their own experience what they most need to know to build successful careers in management.

Their failure is due, in part, to the fact that many crucial managerial tasks are not taught in management education programs, but are left to be learned on the job, where few

managers ever master them because no one teaches them how. It is also due, in part, to the fact that what takes place in the classroom often is miseducation that inhibits their ability to learn from their experience. Commonly, they learn theories of management that cannot be applied successfully in practice, a limitation many of them discover only through the direct experience of becoming a line executive and meeting personally the problems involved.

Some men become confused about the exercise of authority because they are taught only about the traditional authority a manager derives from his official position — a type of authority that is declining in effectiveness everywhere. A great many become inoculated with an "anti-leadership vaccine" that arouses within them intense negative feelings about authoritarian leaders, even though a leader cannot avoid the exercise of authority any more than he can avoid the responsibility for what happens to his organization.

Since these highly educated men do not learn how to exercise authority derived from their own knowledge and skill or from the charisma of their own personalities, more and more of them avoid responsibility for the productivity of others by taking jobs that enable them to act in the detached role of the consultant or specialized expert. Still others impair

their effectiveness by adopting artificial managerial styles that are not consistent with their own unique personalities but give them the appearance of being "consultative" or "participative", an image they believe is helpful to their advancement up the managerial ladder.

Some managers who have the intelligence required to learn what they need to know fail because they lack "whatever else is important," especially "affective empathy" and the need to develop and stimulate the productivity of other people. But the main reason many highly educated men do not build successful managerial careers is that they are not able to learn from their own firsthand experience what they need to know to gain the willing cooperation of other people. Since they have not learned how to observe their environment firsthand or to assess feedback from their actions, they are poorly prepared to learn and grow as they gain experience.

Alfred North Whitehead once observed (in his *Aims of Education and Other Essays*) that "the secondhandedness of the learned world is the secret of its mediocrity". Until managerial aspirants are taught to learn from their own firsthand experience, formal management education will remain secondhanded. And its secondhandedness is the real reason why the well-educated manager is a myth.

# YOU CAN HELP!

Predictions this year are for a rough employment picture for the 1971 class of graduates from BCIT. It's conceded by Manpower that only 50% of the graduates will be placed by the time June roles around.

What can you do? ... Simple. If you know of any openings coming up in your firm that demands the skills of a BCIT grad, then let the Alumni Association or BCIT Manpower know. You can also give a hint to your personnel department that there's a

pool of competent technologists eager for the opportunity to practice their skills. Tell them it's as easy as getting in touch with Manpower at BCIT (434-5722, local 333).

Rest assured, the new crop of grads will appreciate your consideration and effort on their behalf.

Since we're doing our bit to help the grads of '71 to pick up positions, let's have all unemployed grads from previous years coming in to register at BCIT Manpower. Especially, to the

girls of Med. Lab. and X-Ray who are completing their year-long practicums in the hospitals, the offer is doubly made. Also, the nurses who will conclude their practicums in the hospital in August, the registration appeal is a must.

When out of work, hound Manpower! That's what they're paid for by the taxpayers of this country. But if you're working, take the opening lines to heart and help your fellow grads.



# MYTH OF THE PROFESSIONAL STUDENT

Toto Miller



happy grad. He may rightly or wrongly point to his source of training and wonder where it all went wrong.

Second, it must be admitted that there are some relatively bad programs at BCIT. And when grads point to weaknesses in the area of their training, it is based on their personal experiences with what they were faced with when they started producing for the firm that hired them. As an example of this, note the desire of some grads for a course in the "Extension Division" of BCIT on "Technical Report Writing". Was not a prime aim of the English course at BCIT for the grads to give a solid grounding in such an area?

Lastly, if it is the intent of the advisory committees of the institute to guide the course of studies for the students to gain the maximum output for the potential grads, many are doing a shabby job. I can only wonder how effectively an advisory committee can perform when as seen in some instances these elite businessmen of society only meet once every two years. How far would any corporation go if its board of directors only met once every two years?

I don't know one student at Simon Fraser University who considers himself to be a "professional". From a monetary standpoint, it's not a relishing thought to put out \$225 in fees and an additional \$50-\$100 in books and supplies every term. And from an educational standpoint, a good grade on a paper might be satisfying but certainly doesn't help the bank account any. Then why go to university? For me it's simple. It's an investment. If I go straight through, by December of 1972 I'll have my degree and will have pushed my earning potential to around the thousand dollar per month mark.

There is still one point that I would like to bring forward about the University population versus BCIT population: I don't know one university grad enrolled in a B.A. program that anticipates not going further to fit him

for a job, but I know a hundred per cent of those embarking on a two year program at BCIT who feel that the job will be waiting for them when they receive their diploma.

I agree that an education cannot teach you everything and only experience will fill in the gaps, but an education must do its utmost to teach you all there is to know. And it must be further acknowledged that to keep in step with your job the need for more education and improving the standards of education within the institutes you turn to will be a priority.

True, the accent of education in securing employment might well be a "myth", but that "myth" was never created by the graduates from the various institutions of learning; it was created by management and society itself which demanded that piece of paper before you could even enter their doors to ask for a position. The "myth" is their label of guilt and not the institutions of learning or the graduates.

## EXPLOSION

### OF LEISURE

We're gonna live longer and work less when the year 2000 roles around.

Projections are for the life expectancy to reach 150 years with the working stiff employing his trade only 6 months out of every year. Jobs will come to be considered as an interruption in vacation time. It'll almost be like being unemployed now, but getting enough money to enjoy it and calling it "leisure".

It's been estimated, however, that our weekly grocery bill will be in the vicinity of \$142, which means we'll still probably be having Trudeau around to help us fight inflation, thereby reducing the 6 months of work even further.

I don't know who coined the phrase "professional student", but I gather it is a phrase that is supposed to conjure up some negative response that can be equated to "professional bums". That, however, is mere folly. As a grad of BCIT and a student at Simon Fraser University, I view my fellow grads trying to better their lot with pride. Let's face it, the Diploma of Technology only takes you so far, and an increasing number of grads don't want to sit and stagnate, they want to go further. Whether they go into C.A. programs, like our treasurer, Jim Mitchell, or they want to firm their BCIT training, like our Martin Schroeter who's working on his Ph. D., or just want to receive a broader education to bring them into a wholesomer understanding of life, these "professional students" are a credit to society.

We must further acknowledge that society, with its leaping technological advancements, will make every diploma or degree outdated if a proper attitude and knowledge that we are all "professional students", who must keep abreast with the escalating changes, is not firmed in our minds. That argument is strengthened with the fact that our wealth of knowledge is doubling every five years. Such a growth is startling, and when we consider this growth-rate is shrinking, the "professional student" status for everyone who wants to work in society is a reality; and those who don't come to grip with the "student" fact of life are bound for the welfare lines.

True, there are bitter BCIT grads. These grads feel the institute let them down and are trying to find their nitch in society by entering the university climate and studies. But instead of "damning" the bitter grads, let's look at what is at the root of their bitterness:

First, an unemployed grad is not a



# S.E.T. of B.C.

SOCIETY OF ENGINEERING TECHNOLOGISTS

Through the years our way of life has grown increasingly complex. In the engineering field the trend has been toward greater sophistication of planning, design and control. Automation and cybernation are accepted in our way of life and represent, in part, the reasons for a growing need for highly trained and skilled Technicians and Technologists. For many years these Technicians and Technologists have played an important role in this development which is so vital in meeting the needs of a modern Society.

Until the middle of this century little consideration was given to the status of the technician. At this time, a group of prominent members of industry and government decided that if Canada was to maintain a place in a world of rapid technological development, a greater number of people with specialized education would have to be trained. It was also realized that this programme would have to be of an advanced nature, different from, but not inferior to, a university programme. The most tangible result of this realization is the B.C. Institute of Technology which has been producing technology graduates of the highest calibre for the past five years.

In the formative years the Society realized the necessity of operation in conjunction with a provincial authority. On this basis mutual co-operation exists between the Society and the Association of Professional Engineers of the Province of British Columbia (administrators of the Engineering Profession Act of British Columbia).

The Association assisted the society in the development of a system of classification based upon academic and experience factors. Every effort has been made in the certification programme to recognize the experience of personnel in industry and government who may not have been benefited from extended formal education. In the interest of maintaining high standards of qualification this experience factor will be reduced over a period of time. Eventually, only academic qualifications will be admissible for certification with the Society. This is

in line with other certification programmes being administered by the other Societies across Canada.

Certification with this society is not a stepping stone to the Engineering profession. It is, however, of an advanced nature and is separate from that of a professional Engineer, but having qualification and prestige such that those who earn the title of Certified Engineering Technician and Certified Engineering Technologist (C.E.T.) will be justly proud of it.

The fast pace and high responsibility of modern technology has placed pressure on the Professional Engineer Employer to locate suitably qualified assistants. The Certified Technicians and Technologists registered with the Society answer this need. The Employer is assured not only of technical competence to the level expressed by the classification, but also has assurance regarding the candidate's experience and character.

The Technologist, on graduating from a Technical Institute or College, has the opportunity to meet fellow Technologists, exchange ideas, and keep up with current developments in his field of engineering and related fields. Upon obtaining certification, he obtains proof of his competency and can enjoy the privilege of the special acceptance to him by the engineering industry.

The experienced Technician in employment can prosper from membership in the Society by availing himself of the services provided for examinations and classification, and by being able to determine the training requirements for reclassification. He can, by progressive studies, reach the same level of attainment as his counterpart who obtained a formal diploma on graduation from a Technical Institute.

The Society's programme has received encouragement and support from the B.C. Minister of Education, and the co-operation of the Department of Adult Educational and Technical Training, B.C. Department of Education and the British Columbia Institute of Technology. The Society co-operates closely with the Technician and Technologist Societies in the other Provinces, establishing and evaluating the standards and status of our members across Canada.

return to:  
THE B.C.I.T. ALUMNI ASSOCIATION,  
THE BRITISH COLUMBIA INSTITUTE  
OF TECHNOLOGY,  
3700 WILLINGDON AVE.,  
BURNABY 2, B.C.