

***nucleus***  
**'69**





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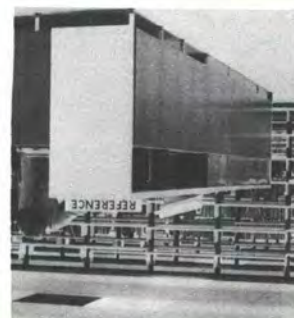








# Nucleus





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**British Columbia Institute of Technology  
Burnaby, B.C.**









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# Dedication



Malcolm McIntyre Turnbull

This, the 1969 B.C.I.T. Nucleus is warmly dedicated to the memory of Malcolm McIntyre Turnbull, late Stores Supervisor at the British Columbia Institute of Technology, who passed away on March 6th, 1969.

Mack, the name he preferred to be known by, was born in Ontario in 1907, and was associated with 'stores' in one way or another for most of his life.

It began in the 1930's when Mack opened a Metropolitan Store in Victoria. Through his never-ending efforts, he succeeded in expanding Metropolitan at a time when the going was rough and many businesses were forced to close. Yes, Mack devoted his life to bringing order to what might otherwise have been chaos in the field of "Logistics" —his name for his vocation.

Mack came to B.C.I.T. in September 1964 and established the central stores system. He remained re-

sponsible for its operations and the administration of transportation services of the institute up to the time of his death. The Institute was close to Mack's heart — he had a great deal of respect for higher education. He played an important role in the operation and did it well. The praises bestowed upon him by his superiors, and fellow workers, as well as all those who knew him, revealed him to be a man of high calibre and integrity.

Outside working hours Mack devoted time to the Boy Scout Movement and enjoyed the pleasures of nature working in his garden.

What kind of a man was Malcolm McIntyre Turnbull? He was a strong minded individual, a hard worker, enthusiastic, conscientious, responsible, sincere, and co-operative. Mack will be fondly remembered by all at B.C.I.T. for his cheerful attitude and willingness to help others.



It is traditional that the Principal express his thanks to the Students and Staff of the Institute for their achievements during the past year. The 1968/69 school year fits the tradition very well indeed.

The population of B.C.I.T. during the past year increased from about 1800 to 2400 day students and from about 1400 to 2400 evening extension students. This rapid rate of increase has produced difficulties for the staff in all departments but they rose to the challenge to make this a good year despite the stresses and strains of rapid growth. The great majority of students in B.C.I.T. will join me in thanking the staff for their dedicated effort during the past year.

One factor that introduced a major change in the pattern of work at B.C.I.T. was the opening of the new Library in September. The fact that the number of library study spaces had expanded tremendously required course adjustments and the preparation by staff of new written and audio-visual aids for the Library. Much progress along these lines was made and 1968/69 will always be remembered as the year the Library came into full service as part of the total B.C.I.T. program of studies. Both Students and Staff adjusted well to the changes involved and Library use increased steadily during the year.

But I think that 1968/69 will always be remembered for the constructive activity of the Student Council and Student Body in general.

The Campaign for the Multi-purpose Building; the Banking Complex and the Residences was carried forward with skill and energy by the Student Executive. We know that the first two projects will start soon and there is reason to hope that the Residence Program may still be initiated before the end of the year.

In addition, the 1968/69 Open House "Lifebeat 69" was successful beyond all expectations. The students carried the

main load of this project and with help from staff members put on one of the finest exhibitions of student initiative and enterprise that has ever taken place in the Province. Over twenty-two thousand visitors passed through B.C.I.T. during the three day event. The image of B.C.I.T. and its students was enhanced beyond measure by this tremendous show.

I should not forget other student projects such as the visits to secondary schools in the interior by groups of student speakers during the Spring Break. A full Athletic programme and other student activities were carried on during the year. The regular publication of the Link and the special Open House issue "Lifebeat 69" and the production of the Nucleus were all part of an active and constructive student association year.

I am sure all of the Staff will join me in congratulating the Student Body, the

Student Council and its senior officers and President on a tremendous year of service to B.C.I.T.

Finally to all the graduates of B.C.I.T. — good luck to each and every one of you. I am sure each graduate will look back on a year of study and many pleasant associations with Students and Staff. I am equally sure that each graduate can look forward to a successful and satisfying career based, in part at least, on the ideas and skills gained in B.C.I.T.

D.H. Goard,  
Principal





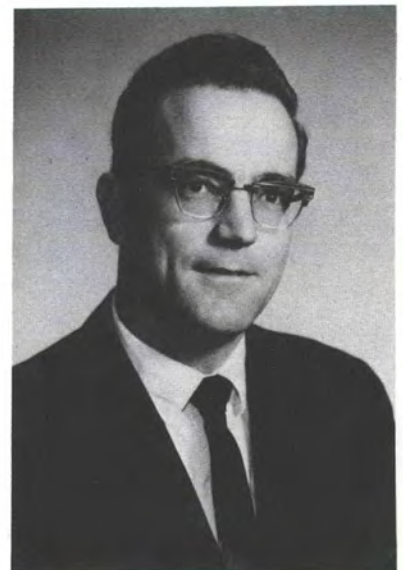
# Administration



*J. C. McAdam,  
Vice-Principal*



*J. T. Field,  
Registrar*



*D. M. McPherson,  
Bursar*



# Co-ordinator of Student Activities



I am very pleased to be able to say a few words to you through the medium of your fine yearbook.

Over the entrance to the Guidance Office of a high school where I once taught was a poster which stated "IT'S BETTER TO BE OLD-FASHIONED AND RIGHT THAN BE UP-TO-DATE AND WRONG." This seems to me to be an idea that is well worth the serious consideration of today's students.

There are far too many people, both adults and teenagers, who have in these days been led to believe that our world changes so rapidly that only those ideas and attitudes that are very recent in origin are valuable. In some few areas of human interest this may be true, but in the matter of human attitude and human conduct the best of the ideas that guided our parents and our grandparents are still as valid today as they ever were. The worthwhile people of today and tomorrow are and will be those who recognize their duty to themselves and to the world in general in the matter of preparing themselves to use their talents and abilities to the full, to win for themselves a significant place in society, and to assist those of their fellow men who are worthy of such assistance. People who do not admit that such responsibilities and duties exist have very little right to expect any of the rewards the world has to offer.

It should be obvious to all students that the time to develop an intelligent interest in the world's work and in these rewards is now, and there could be no better place to cultivate a feeling for the duties one owes oneself and to others than right here in the Institute you are now attending.

To those of the graduating class, I extend my sincere congratulations on having accepted challenges and having overcome them.

To Mr. Burnie, the editor, and the yearbook staff, your product reflects your dedication and fine school spirit. Thank you for a job well done.

G. H. Langdale,

## Women's Counsellor



The title on the door says "Counsellor"; yet sometimes I shudder when I see it there. To someone else will it mean that here is a place where one can expect ready solutions to daily problems? I hope not. But what we surely can do is sit down together, listen to one another and try to reach some decisions.

But this year is almost at its close. Let's take a quick and closer look at you.

At the Institute you are training to become a specialist, skilled on the advances of a particular technology. But there must be more.

McLuhan is close to the truth when he says the medium is the message, for this means that the kind of person you are, becomes tremendously important in the job you do, and therefore in the message you convey. In the vernacular of today, a "beautiful" person does not designate one who is attractive, nor necessarily knowledgeable or successful. He is one who not only has the skills and information to do his job well, but also the capacity to relate openly and warmly to those around him.

Electronic media have brought massive changes. Yet you yourself will be by far the most significant medium in your future environment.

Best wishes to all of you, — especially the grads, —

Myrle Gray



# Student Association President



At a time when student unrest is commonplace and media reports of student radicals, campus disorder and student—Administration confrontations, we at the British Columbia Institute of Technology have demonstrated that today's students can be progressive without violence and can bring about improvements through negotiations rather than confrontations.

This year the general public has become aware of the dedication and responsible attitudes of the students from B.C.I.T. The business community is offering more employment than ever before to our graduates. The Government has approved three major projects for the development of our campus; the Multi-Purpose Building, the Bank Complex and the Student Residences. The 'man on the street' has taken a greater interest in B.C.I.T. this year. Evidence of this was the 22,000 or so visitors who passed through our doors during Open House. Yes, this past year, we, the students at B.C.I.T., have fostered a rapport with administration, staff and the community which will benefit students from B.C.I.T. today and in years to come.

B.C.I.T. has completed another year of unprecedented growth and we of B.C.I.T. can feel pride in the vital role we have played in this remarkable program. We have demonstrated to employers our abilities and responsible attitudes. We know what we can do for the employer and he now has a better idea of what we can do for him. The evolution of our future is gaining momentum and we must continue to meet the challenges of the future with the same enthusiasm and determination with which we met the challenges of B.C.I.T.

To the Grads of '69, Quisque Dominus Summi and may you have health, happiness and success in your future. To those who will be returning to the British Columbia Institute of Technology next year, good luck and may you continue to add fuel to B.C.I.T.'s Torch of Success.

A handwritten signature in dark ink, appearing to read 'Brian Johncox'. The signature is stylized with a large, sweeping 'B' and a long, horizontal flourish extending to the right.

Brian Johncox,  
President, B.C.I.T. Student Association





Sports Chairman:	Clubs Chairman:	President:	Vice-President:	Social Chairman:
Mr. Ed Tomczyk	Mr. Cus Huckvale	Mr. Brian Johncox	Mr. Peter Munsie	Mr. Herb Quong

The B.C.I.T. Student Association's governing body is the Student Administrative Council which is comprised of seven executive members who also act as the finance committee and forty Council representatives of twenty technologies.

The purpose of the Student Association Executive and Council is to endeavour to establish and co-ordinate a balanced programme of extra-curricular and co-curricular activities as well as investigate and solve student problems within and outside the Institute in order that their overall study environment may be enhanced.

In keeping with the objectives of the Association the Council, with the help of the B.C.I.T. Administration and numerous individuals;

1. After making ammendments, the Student Association Constitution was incorporated into the Societies Act of B.C. which enabled Student government at B.C.I.T. to be recognized as an official bargaining body of the students.

2. In the area of public relations: — Sponsored B.C. I.T.'s first Open House, Lifebeat '69 with over 22,000 visitors passing through the institute during three days. — Sponsored an all B.C.I.T. Visitation to B.C. High-schools to enlighten possible future applicants.

3. Through co-operation with the B.C.I.T. Administration and negotiation with the B.C. Government, attained:

a) Multi-Purpose building with tenders already let and construction to begin in the summer of 1969.

b) Residences for over 400 students to begin construction in the 1969-70 academic year.

4. Negotiated for and attained Bank Complex on Campus which will include:

- a) Bank
- b) Barber Shop
- c) Sports Shop — Used Book Store
- d) Revenue to be earmarked for B.C.I.T. Scholarship and Bursary Fund.

5. Helped to attain additional Student Loan for Student Nurses and increased wages for Med-Lab and X-Ray Students.

6. Increased publications which include: The Link, Student Handbook, Student Telephone Directory, Nucleus, Lifebeat '69 and Tour Guide for Open House.

7. Scheduled and co-ordinated dances, guest speakers, bands, movies, fashion show, intermural sports and other events within the Institute.

8. Through negotiation with the Department of Public Works, part-time jobs were obtained for students ranging from library work to ground clean-up

9. Five clubs were added to bring the Institute total to eleven active clubs on campus.

10. Continued the Student Grad Committee to organize the Graduation Dinner and Dance at the Bayshore Inn, also organized Convocation at the Queen Elizabeth Theatre under a separate committee. Both of these events were subsidized by the Student Association.

11. Made funds available for needy students through B.C.I.T. Scholarship and Bursary Fund.

The Student Council would like to take this opportunity to thank the Athletic Council, the Open House Committee, the Link and Nucleus Staff as well as other clubs and organizations which helped to make what we feel has been one of the most successful and progressive years of student government on the B.C.I.T. campus.



# Commissionaires



The Commissionaires, a group often taken for granted by most of us, have, throughout the years supplied an invaluable service to the staff and students of B.C.I.T. Without their direction, the parking lot every morning would be a state of mass confusion and crumpled fenders. Their parking regulations may often frustrate the lazier in our midst, but control of traffic must be kept.

Another service supplied by the Commissionaires is that of Security Sontrol. They allow the school to remain open to students on the weekends and at night, often a greatly needed facility.

So, the next time you curse the Commissionaires, think twice. Would you rather have SFU rent-a-cops?





# Lifebeat '69

*The Student Association of the  
British Columbia Institute of Technology  
invites you or your representative to attend  
a Special Open House for an Exhibit of Student Work  
at the Institute, 3700 Willingdon Avenue, Burnaby  
between 10 a.m. and 6 p.m.  
on Friday, February 28, 1969*

R.S.V.P.

THE INSTITUTE WILL BE  
OPEN TO THE PUBLIC  
ON SATURDAY AND SUNDAY,  
MARCH 1 AND 2, 1969.





## LIFEBEAT'69



Earlier in the year the students of the Institute decided that it was about time they showed the place off to the public and to our future employers.

Lifebeat '69 became the theme for the most successful open house in the Institutes entire five year history (No it was not the only open house!). It was planned that the open house would accomplish two objectives. Firstly, we were to show our future bosses what kind of instruction was given here and how highly qualified (most of) the students were. Secondly, we were to show the general public what the British Columbia Institute of Technology was.

Six thousand (plus) invitations were sent out to possible employers and miscellaneous V.I.P.'s to attend Friday, February 28's opening of the institute. This proved to be a very successful day for a number of technologies. Students were hired in larger numbers than some employers had originally planned upon, students were hired by employers who had never before considered B.C.I.T., and in some cases students were hired from technologies and options that no one knew existed (eh! Tech Man?).







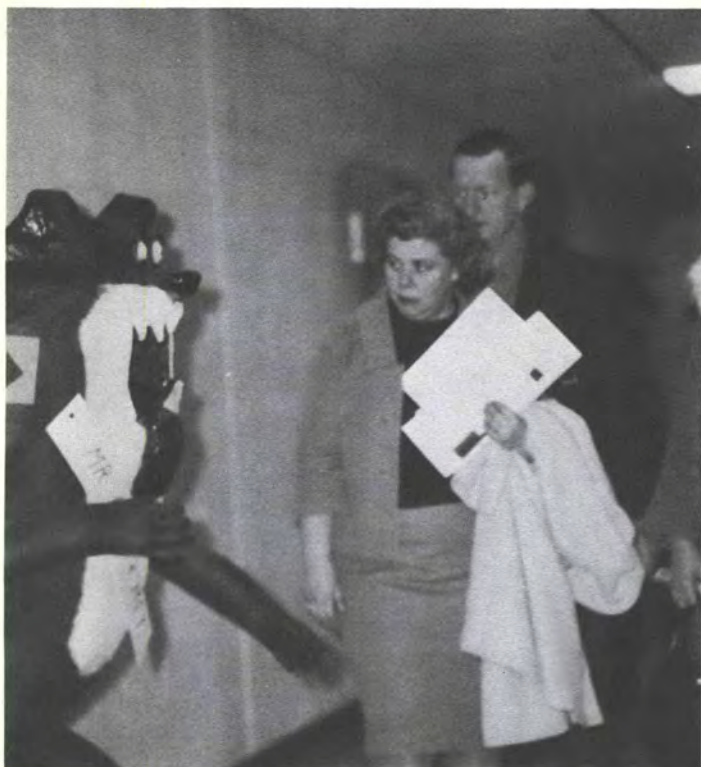
On March 1 and 2 more than twenty seven thousand people toured our institute and left the school thoroughly impressed with the fine exhibits and impressive displays put on by the students. In fact some of the businessmen were so impressed on the Friday tour that they returned again on the Saturday and Sunday. In short, we accomplished what we set out to accomplish and now far more people are more knowledgeable about B.C.I.T. than before.

Congratulations to all students, staff, commissionaires and everyone else who helped put on the show. Special congratulations are due the Steering Committee. These students, Myles White, Jim Steeves, Jim Drake, Bruce Nairn, and Gerry McLaren pioneered a lot of new ground and thanks to their dedicated efforts future year's open houses should be even more successful (if that is possible). If it were not for their perservering the open house would not have been the show it was.

We feel that the open house was directly responsible for the quick action of the B.C. Government in instigating the go ahead for phase one and phase two of the B.C.I.T. Multi-Purpose Complex.



Open House proved to be more than just a success.  
In fact, to some people it represented . . . . .



. . . work



. . . exhibitionism



. . . confusion





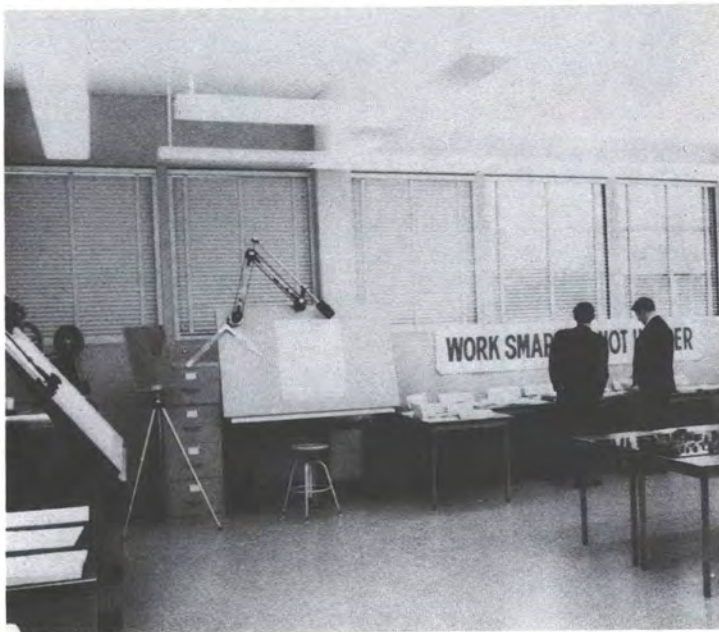
... a tiring job



... diplomacy



... frustration



... helplessness



... information



... fun??





The Minister of Lands, Forests, & Water Resources, the Honourable Ray Williston, accompanied by his wife toured the Forestry and Forest Products area of B.C.I.T. culminating in the official opening of the Forest Products Pulp Lab and the presentation of Scaling Certificates to the successful Forestry Technology candidates.

The scaling certificate is the result of an extensive practical and theoretical course on identification and measurement of British Columbia coastal log species. Thirty-three candidates successfully completed a two part examination achieving a minimum 75% average.

Forestry Technology was honoured that Mr. Williston could take time from his busy schedule to present the Scaling Certificates.

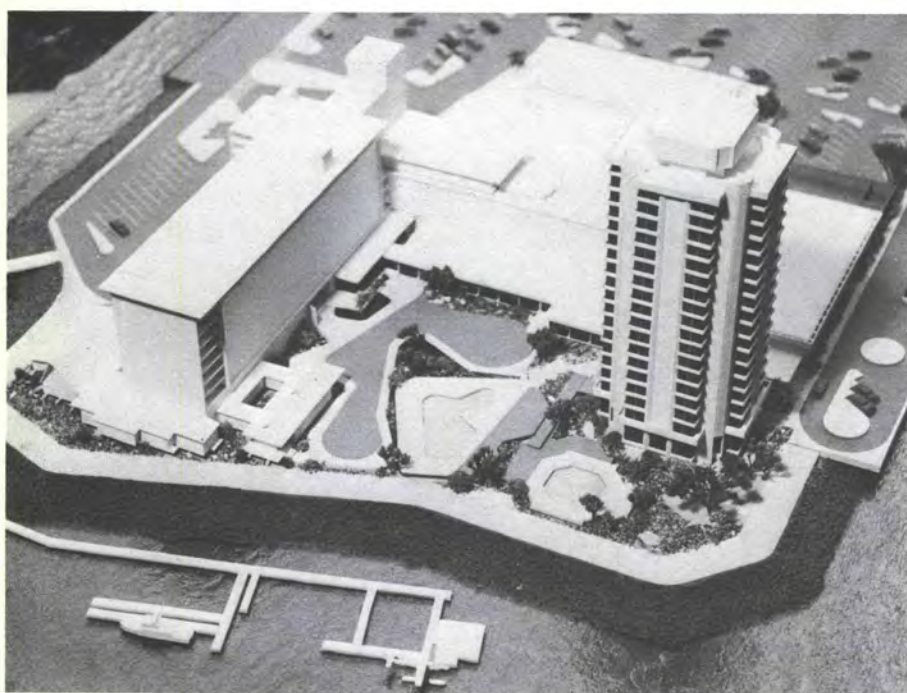
T. Harding





**Technologies**





Vancouver's beautiful downtown waterfront hotel, The Bayshore Inn, is going to become even more exciting. Construction is underway on an 18-storey Bayshore Tower, a new theatre-restaurant, additional convention facilities, an arcade linking the present Bayshore lobby to the new Tower lobby, enlargement of the present Terrace Grill and a larger auto parking area.

The Bayshore Tower will rise 18 storeys and consist of tastefully furnished, large deluxe rooms with balconies bringing to 530 the total number of guest rooms. The second floor of the Tower will provide four additional meeting rooms for executive conferences or private dining. A cocktail lounge with a three-way view of the harbour with the mountains as a backdrop will be located on the ground floor.

The theatre-restaurant will be located in a one-storey building connecting to the south-side of the Tower. It will seat 300 in an attractive three-level horseshoe floor design.

The present Bayshore convention facilities in the west wing will be expanded adding over 6000 square feet of convention floor space.

These enlarged convention, dining and entertainment facilities will add to the fine reputation of the Bayshore Inn as the No. 1 rendezvous and convention centre in the Pacific Northwest.

*the Bayshore Inn* 

WESTERN INTERNATIONAL HOTELS



[illegible]

"Good Morning World"





L.S.H. Irvine  
Department Head

Almost five years have passed since the doors of this Institute opened to admit students who were to become the Class of '66, the first graduating class. Now the fourth such group is ready to take its place in a world where the winds of change are blowing, not gentle zephyrs, but healthy, forceful winds.

Today, its not change itself that surprises, it's the rate of change. In a generation, we have doubled the knowledge of man, in another generation, another doubling is likely. And, we live in a world of wonders.

There is a tendency for the young to feel that their elders resent them a little. If the truth were known, your elders are jealous of you. For you have the essential advantage of youth, the many years that lie ahead. You'll live through decades of progress which will see you using with complete casualness world-wide communications by sight and sound. You'll see man go to the planets, perhaps beyond that, to the stars. You'll see that, and a thousand other wondrous things that you'll accept as commonplace.

Most of all, you will have the opportunity to be directly involved in this future. Broadcast Communications is almost new, ever expanding. Already satellite relays make possible "round the world" coverage of events as they happen. But, this is only the beginning. Let your imagination run loose, and your wildest dreams of this moment could be a reality twenty years from now. As you leave the institute, take with you all you have learned take with you ambition, and initiative and above all, imagination! That's the key to the future.



"The Way It Is"



# Graduates

B. H. Anderson  
J. W. Ansell  
B. A. Antonson  
R. G. Baker  
W. T. Bower



D. J. Croker  
C. Densky  
L. K. Elliott  
L. Finnerty  
D. Finnimore



B. A. Gatley  
S. J. Geer  
M. J. Godrey  
S. D. Grant  
M. Hepburn



F. Lee  
T. Miller  
B. Nelson  
D. L. Rimmer  
W. A. Sawyer



M. P. Watt

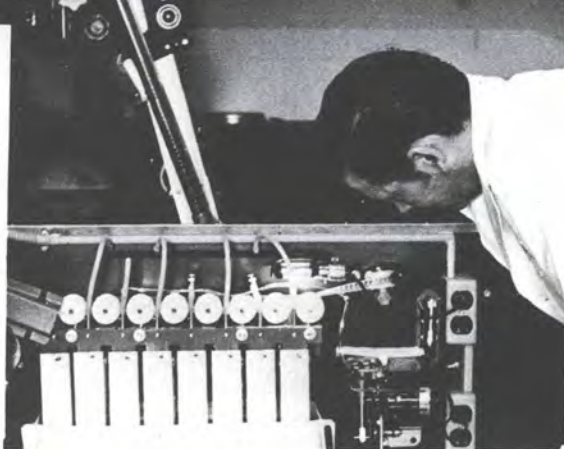




"Gentle Ben"



"Felony Squad"



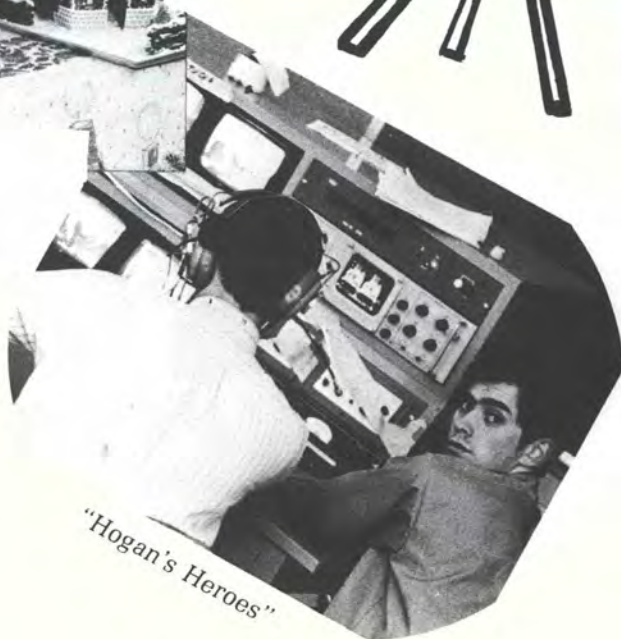
"Mission Impossible"



"Land of the Giants"



"The Mod Squad"



"Hogan's Heroes"





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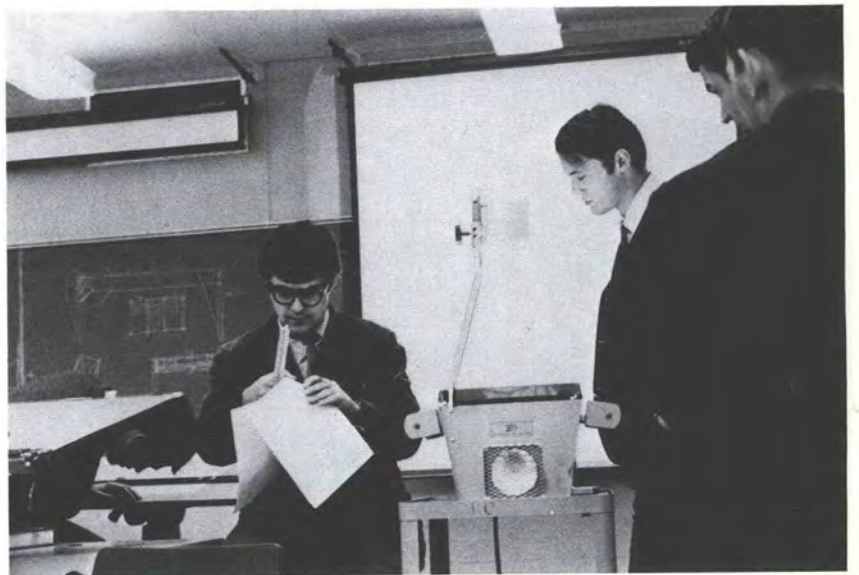
## people pleaser

That's what Boeing calls its 737, the world's newest jetliner soon to join the expanding Pacific Western fleet, cutting flying time and offering greater passenger comfort and capacity on our routes. ☐ *Looking back:* Pacific Western has been bringing people and places together for 22 years. Has been bringing innovations to air transport, too. The first commuter airbus operation for people in a hurry. The first all-inclusive charter tours to the Caribbean for people who aren't. The first 23-ton capacity Hercules in Canadian civil aviation is working for our domestic and international Air Freight customers. The flagship of PWA's International Charter fleet went into operation last year, another Boeing, the 707 Fan-Jet. Throughout British Columbia, Alberta and the Northwest Territories, our swift, luxurious Javelin Jet-props are operating on our scheduled routes. ☐ *Looking ahead:* Applications are now before the Canadian Government for a totally new Western Canadian route structure which will nearly double our present 7,000 mile route network. ☐ To get there fast, phone Pacific Western – Canada's people pleasing airline. And growing fast, too!



**PACIFIC WESTERN**  
AIRLINES









K.B. Davison  
Department Head

A year ago in this space we referred to the inauguration, by the Department of Industry in Ottawa, of the BEAM program — an effort to develop greater efficiency and productivity in the manufacture of Building Equipment, Accessories and Materials.



In the interim, one positive step has been taken in the area of basic dimensioning through encouragement in the use of Modular Coordination, in this case a move to put all working drawings onto a horizontal and vertical grid of four inches. "Encouragement" is a relative term in this regard, because in point of fact the Federal Government is now producing the bulk of its work on the modular basis, and in a matter of months all private architects carrying out commissions for most branches of the Government will be required to do the same.

Modular drawings are only part of the picture, of course, since their preparation assumes the existence of modular building materials and equipment which are capable of assembly in such a manner that their perimeters will coincide with this pre-determined grid. Fortunately some areas of the manufacturing industry have been doing this for some time, so it is not unreasonable to be considering a commencement on this new approach.

As a matter of interest it might be noted that the specific dimension of four inches is comparable to ten centimeters, and that, as a result, the considerable effort in converting to modular in the inch-pound system will not be wasted when North America goes metric.

Details aside, one significant aspect of this move is that it will provide a regularizing base for all phases of the industry, and will contribute to an integration of trades which, if anything, has been subconsciously discouraged by practice to date. Hopefully this in turn will ease the increasing industrialization of the building process, while still allowing great flexibility of design due to the small size of the basic unit.





# Graduates

T. J. Almas  
R. J. Baker  
N. Bonkowski  
R. Bonkowski  
J. G. Bower



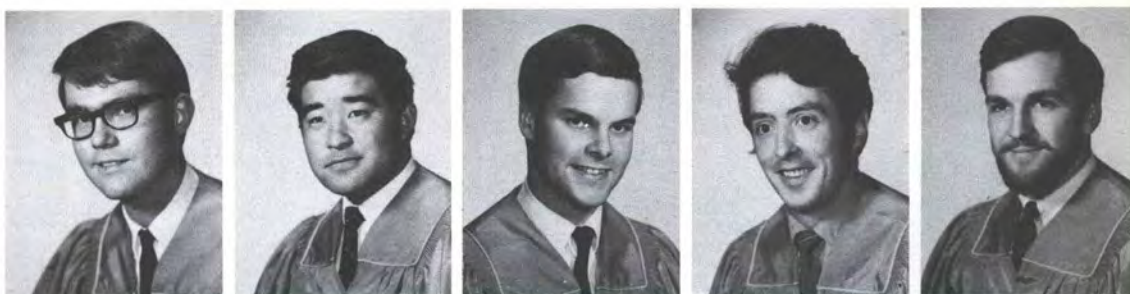
R. A. Brooks  
R. Buckland  
R. E. Coburn  
P. L. Creech  
B. Cuthbertson



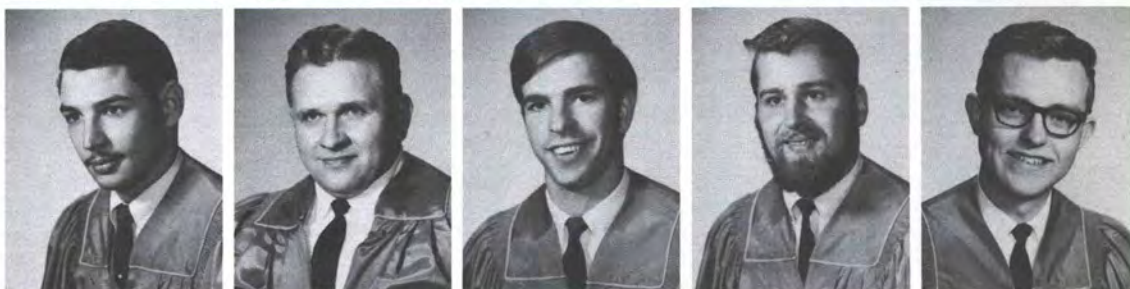
K. Der  
G. Ellis  
R. E. Erlansen  
R. F. Evans  
D. R. Festing



G. A. Fox  
P. T. Goto  
D. P. Gurney  
L. J. Harper  
R. W. Higginson



M. F. Hoare  
T. Hrycaiko  
L. R. Johnson  
R. R. Kivi  
G. W. Lennox



J. C. Mervyn  
G. T. Mervyn  
G. Mitchell  
R. W. Moffat  
A. D. Molnar

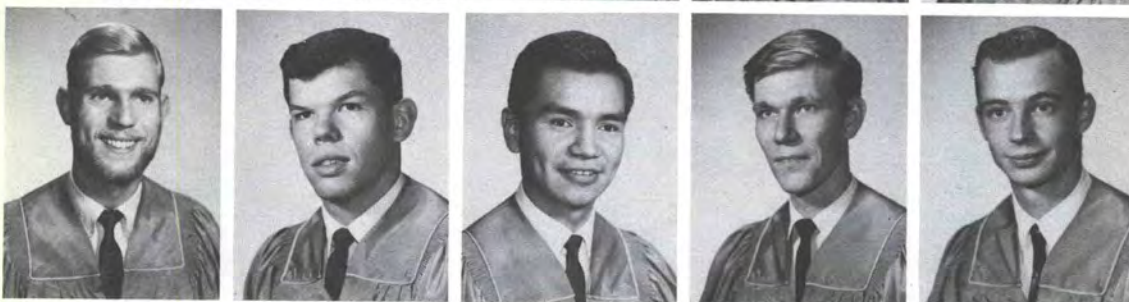




# Graduates



P. Rezansoff  
B. G. Roald  
J. K. Robinson  
D. M. Saw  
G. D. Schwab



D. H. Simpson  
J. E. Snell  
S. Tait  
H. J. Teerink  
J. B. Thacker



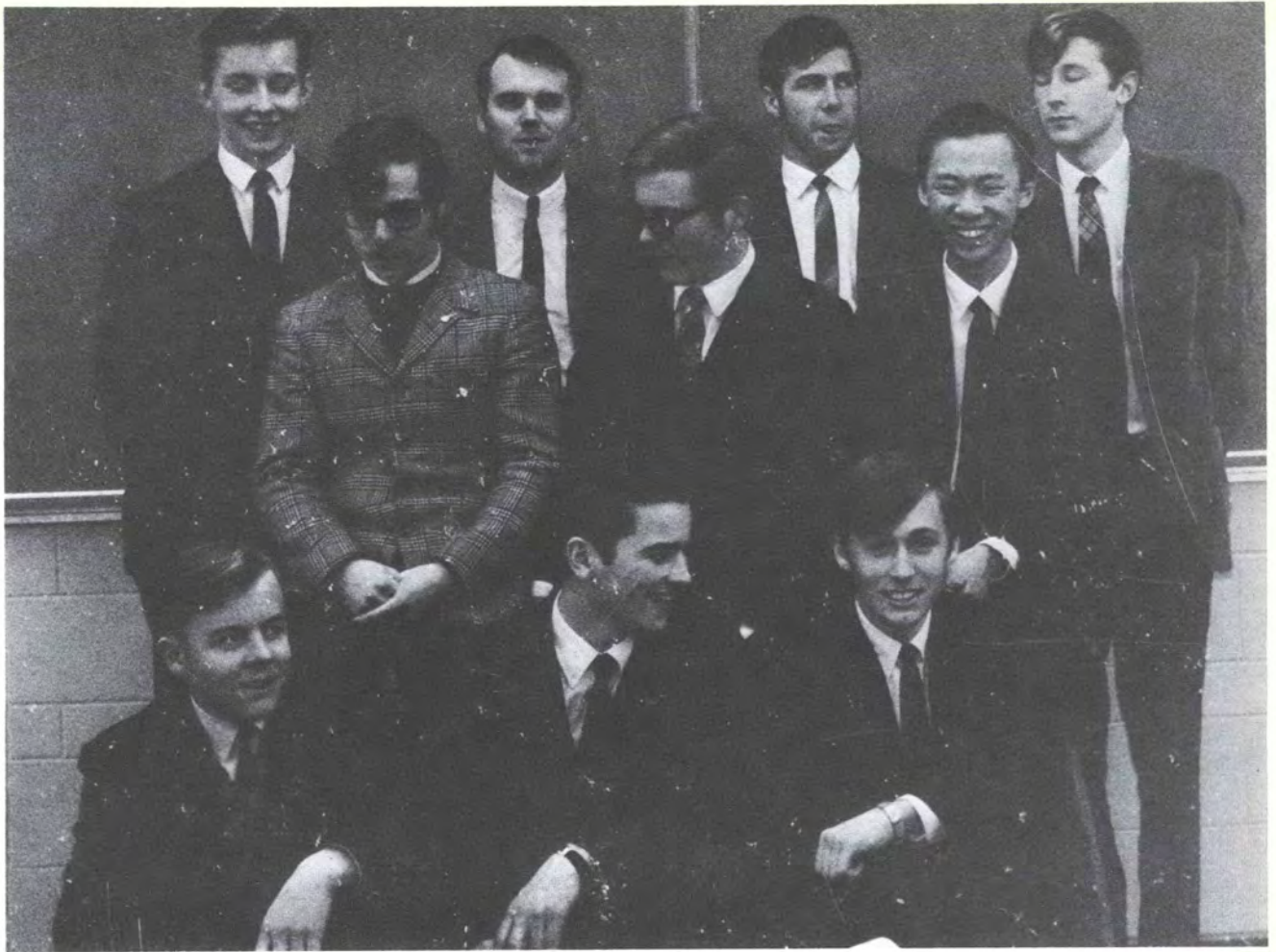
J. E. Trenholme  
D. J. Wagnor  
J. M. Waite  
G. Wakulchik  
L. Warnat



J. B. Young









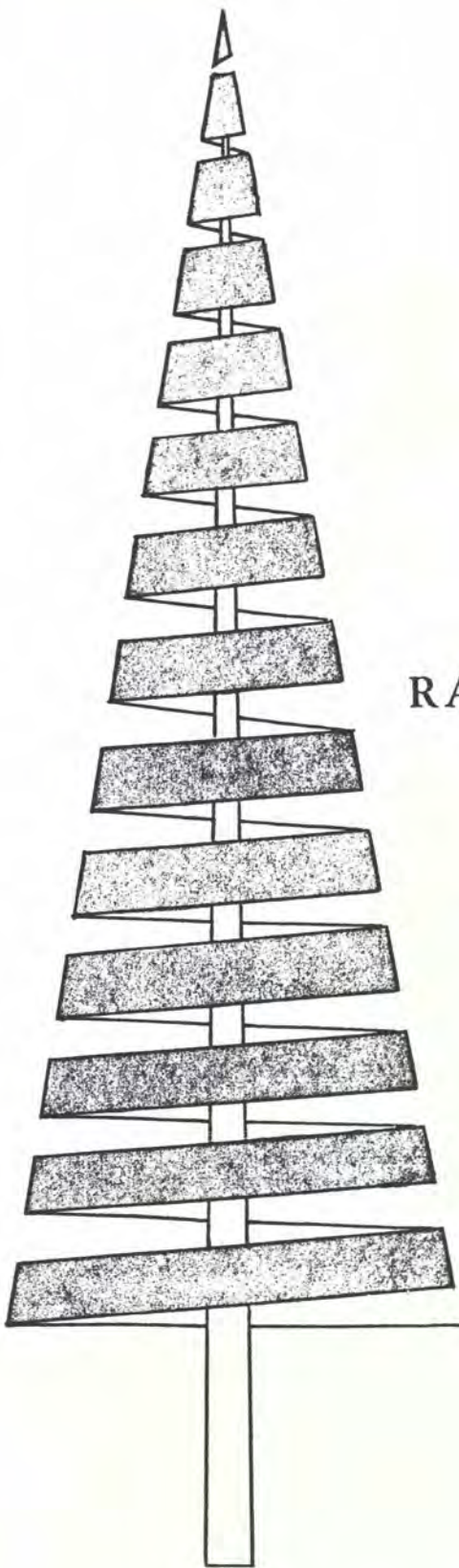


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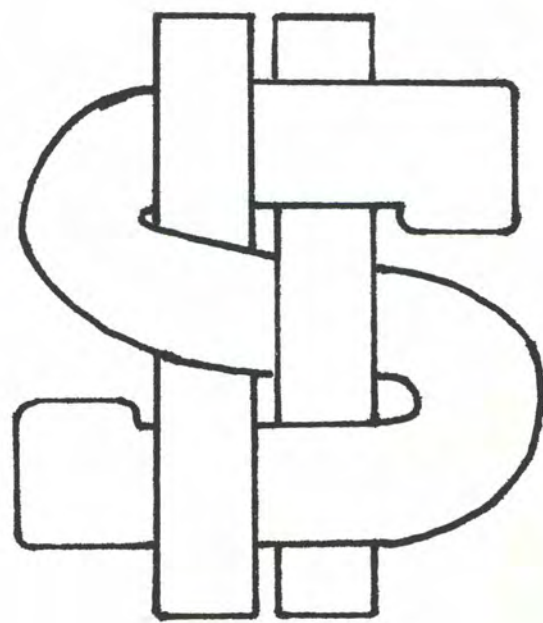
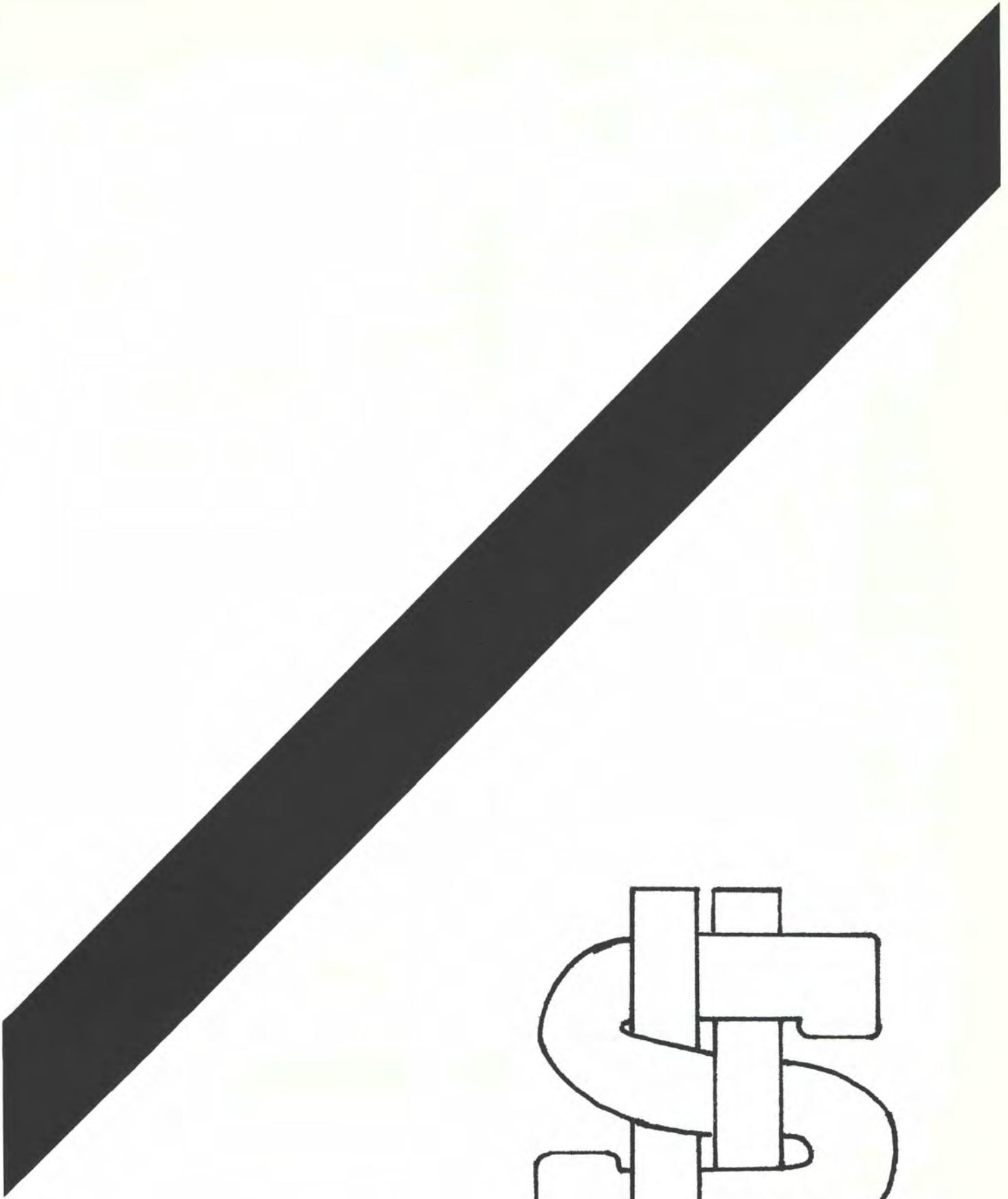
# Bank of Montreal

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CONGRATULATIONS  
TO THE  
GRADUATING STUDENTS  
FROM  
**MAYOR AND COUNCIL**

## The Corporation of the District of Burnaby









E.W.H. Brown  
Department Head

Graduation from a post-secondary educational institute is an important milestone in life's journey.

You are entering a society whose living standards are the highest ever, whose knowledge is doubling every five to ten years, whose dominant characteristic is an ever-increasing rate of change.

We have, via satellites in parking orbits, instant world-wide communications, visual as well as aural. Man has orbited the moon.

But we have problems as well as wonders to consider.

The world's wealth is unevenly distributed. Six out of ten people go to sleep hungry every night. Thanks to modern communications this unequal distribution is a matter of knowledge everywhere and the have-not nations and their young leaders demand corrective action — fast.

These rising expectations across the world are matched by a determination of the have-not groups in our midst to remedy their own situation — now.

Both sets of expectations exceed the potentials of effective response. Yet the problem urgently demands solution.

Rapid change is unsettling and uncomfortable. In your case it means you graduate with a body of knowledge that will become obsolete within a relatively short time. So you must take steps to keep your knowledge current and marketable.

You must cultivate a mental stance of constructive response to change, seeking in it the opportunities that change always brings. This attitude will serve you well throughout life.

Rapid change has negative aspects as well. Many people, unable or unwilling to adapt, become the victims of change, living out their lives at a substandard, sometimes a tragic level.

The process of adapting can impair the spiritual and the human side of living, so it seems to me that our graduates have a responsibility to preserve what is good of their inheritance, accepting social changes only when they are clearly improvements; and a duty to insist that all share in the dividends of an increasingly productive society.

We should remember that the mind and the spirit and a feeling for justice, as well as the body, must be nourished.

I know you will work hard to be successful in the best meaning of the term. But it also helps from time to time to have a little turn of luck. Best wishes, and good luck!





# Administrative Management

The Administrative Management Programme is designed to give the student a broad yet thorough understanding of modern business practices, and to fit him for effective administrative performance in large or small business enterprise or government. While basic computational business subjects are taken, emphasis in this programme is placed on getting things done through people. Studies normally center around simulated business situations, and student discussions in small groups lead to problem analysis, and the formulation of plans for action and their means of execution. Through this process the student gains confidence in handling administrative matters in the several fields of management such as finance, production, marketing, and personnel.

A feature of our expanding economy today is that scientific and technological advances tend to outstrip the development of the administrative skills so essential to successfully manage and use the benefits these advances create. Competent individuals with initiative, who have an enquiring mind and wish to see things done efficiently by working through people could find great satisfaction in contributing to the creation of the effective administrative process thus needed. The Administrative Management Programme offers the student a well balanced variety of business subjects for a career in this field.



J.A. Verner  
Department Head



Three Musketeers



Kids!



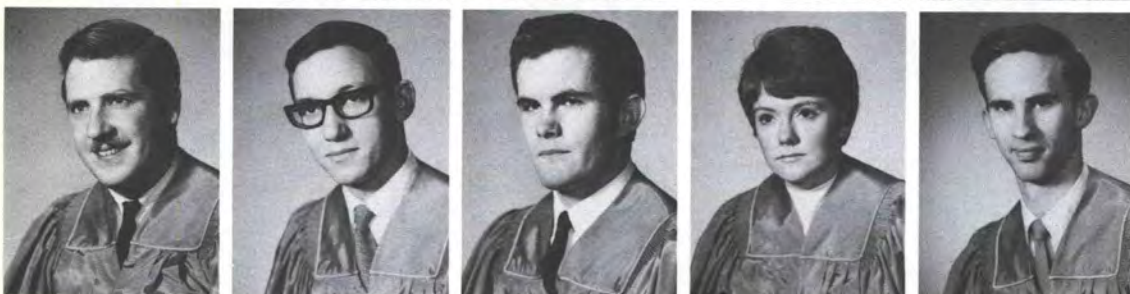
# Graduates



R. Buck  
J. Cameron  
D. Carmichael  
K. Cheng  
K. Cheuden



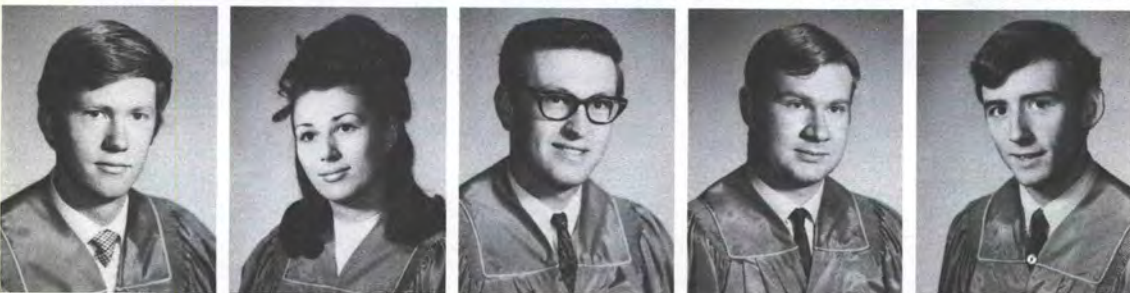
R. Creed  
W. Derrett  
K. Dix  
R. Fee  
N. Fitter



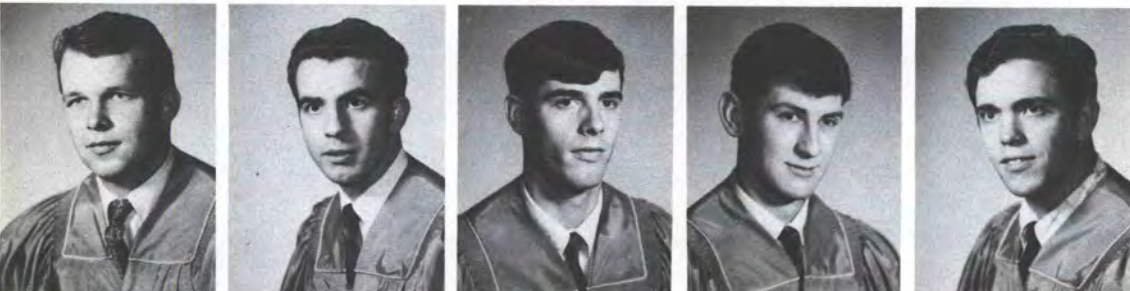
H. Gerllays  
D. Graham  
R. Graham  
P. Gray  
W. Hoskins



R. Hyde  
A. Jacob  
R. Kitchen  
E. Koropatnick  
J. Kungle



D. Lindsay  
B. Lory  
J. Madsen  
G. Magnus  
G. Mayne



M. McKay  
D. Moscone  
P. Munsie  
V. Nelson  
G. Nesbit

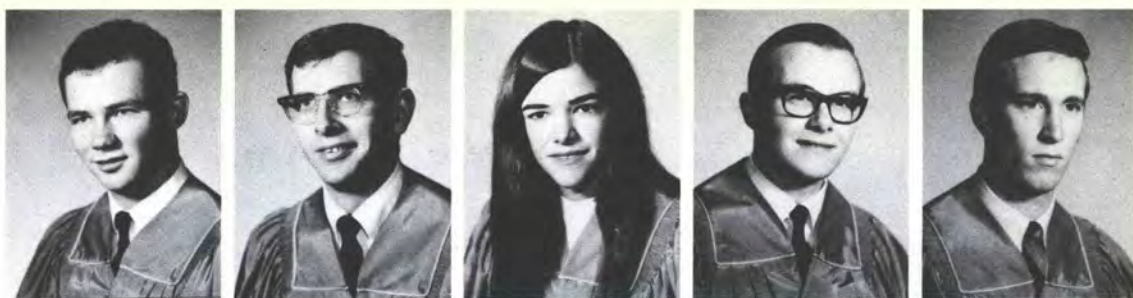


D. Osborne  
G. Paradis  
R. Piekłowski  
G. Pinhorn  
J. Plotnikoff



# Graduates

G. Pruden  
I. Pyle  
B. Richardson  
J. Sheppard  
W. Simpson



B. Stromgren  
R. Todd  
B. Ward  
B. White  
G. Wilson



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93 A-1



93 B-1



Undergrads



93 C-1



93 D-1



## Computer Programming and Systems

The scientific option takes similar programming subjects plus courses in applied probability, statistics, calculus and operations research. Engineering application package programmes are also studied.

This computer programming and systems course prepares highly qualified technicians to meet the demands of business and industry for competent personnel.

The rapid expansion in the use of electronic computers in all areas of business and industry in recent years has resulted in an acute shortage of adequately trained computer systems analysts and programmers throughout the world. This shortage is aggravated by the constant development of new equipment and techniques in this field, requiring constant retraining of existing personnel.

The Computer Programming and Systems Programme at B.C.I.T. attempts to meet the B.C. demand for trained people, and the course content is constantly being revised to keep in step with the changing technology.

The foundation of the programme is a first year training in business procedures, since application of the computer to a business problem requires an understanding of the problem in its business environment.

In the second year the course divides into two options — business programming and scientific programming. The business section includes cost accounting, forecasting, inventory control, work study, human relations as well as advanced business oriented computer programming techniques and languages (Cobol and PLI).



D. Breckner  
Department Head

## Graduates



D. Audette  
D. Borge  
R. Brown  
J. Brown  
R. Brown



S. Butler  
C. Carthew



# Graduates

C. Erickson  
A. Garland  
D. Goodlad  
P. Hagen  
W. Harding



W. Harrington  
B. Hemsworth  
D. Hodges  
J. Hunter  
G. Jubenville



F. Kuramoto  
E. Lee  
L. Lee  
K. Leung  
C. McGregor



G. Mitchell  
P. Moffat  
S. Nichols  
F. Perks  
R. Pratt



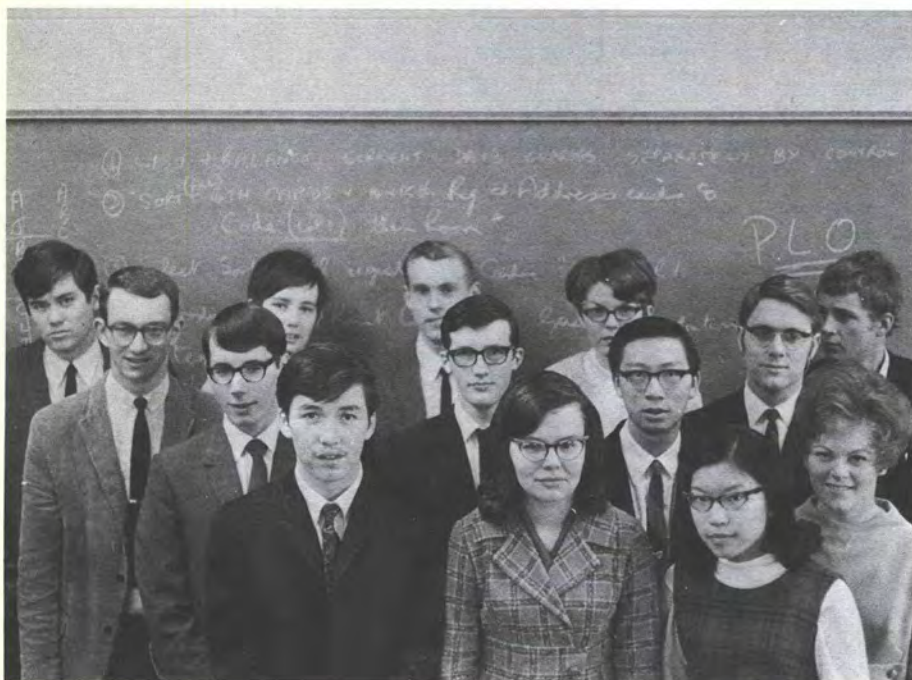
E. Robertson  
V. Scott  
M. Sigalet  
M. Sturdy  
G. Tearoe



A. Van Hunenstyn  
J. Vaughan  
D. Wardman  
R. Young  
G.J. Ukrainetz







94 A-1



94 B-1





94 C-1



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# Financial Management

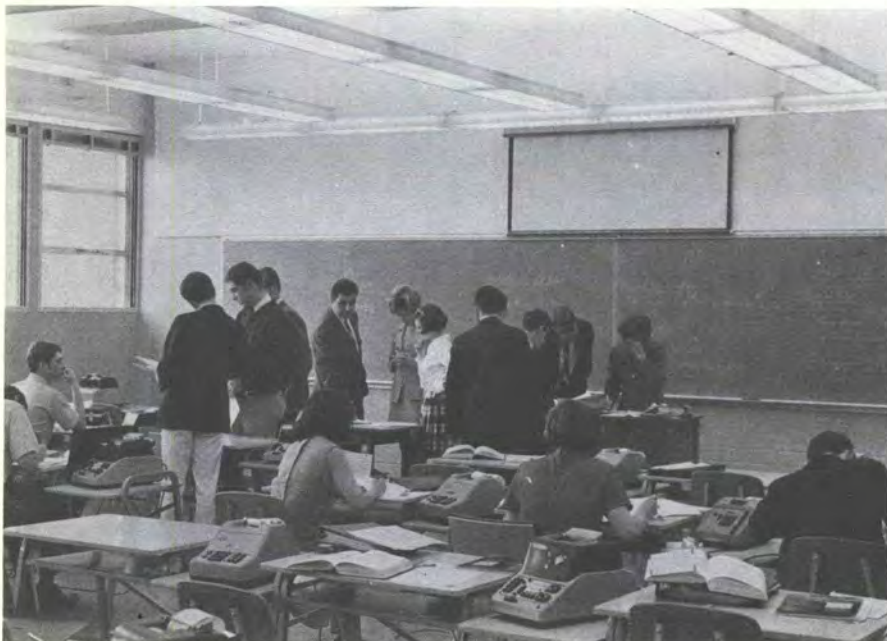


P.J. Wooley  
Department Head

The Financial Management programme consists of common first year courses and then of two options, an Accounting Option and a Finance Option. Both options emphasize financial management in its broadest sense, the presentation of financial data to management for decision making. The Accounting Option specializes in financial reporting, accounting systems and auditing. The Finance Option provides a deep and thorough training in banking, security analysis and finance.

A most encouraging aspect of the programme has been the ready acceptance of its graduates by local and national business and government. Students have been placed in many major B.C. enterprises and also with national banks and investment companies. The Department of National Revenue has expressed a continuing interest in accounting and auditing graduates and have accepted students in both western and eastern Canada.

The Financial Management programme has been enthusiastically received by the students who have taken it and with the likely addition of further options should continue to grow in response to the demands made upon it by the community at large.



Excedrin Headache Number 23595



Cheese?



# Graduates

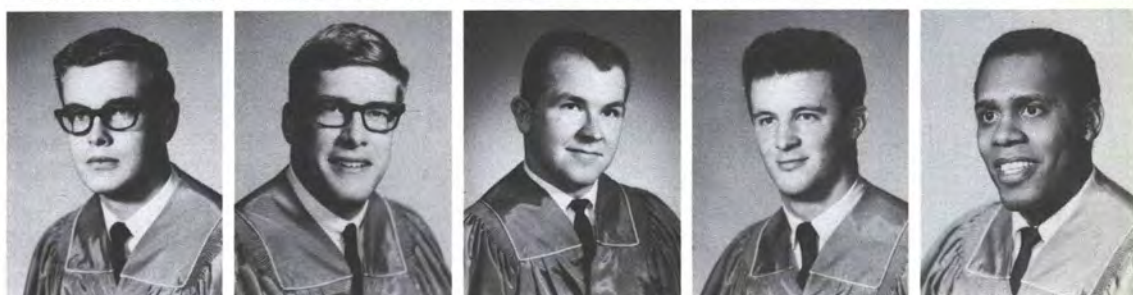
L. T. Allen  
V. G. Black  
A. R. Blackwell  
C. Buholzer  
G. D. Craig



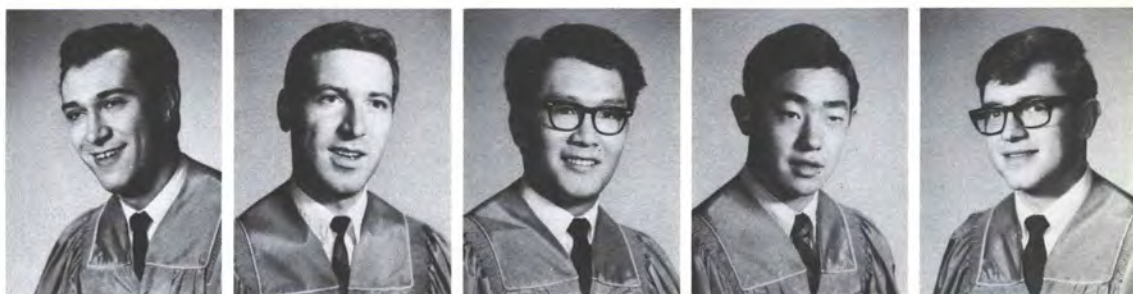
D. H. Delves  
R. A. Dutcher  
B. M. Fraser  
B. D. Fraser  
D. M. Gilbert



G. D. Hansen  
R. Ibbott  
B. R. Johncox  
R. D. Lee  
W. M. Lopez



J. Lymburner  
P. Makortoff  
A. Morshita  
J. S. Morita  
T. E. Nikiforuk



E. A. Ovington  
P. Perehinski  
J. Pittendreigh  
W. Richards  
A. E. Smith



P. H. Tighe  
D. W. Webb  
J. Witteveen







95 A-1



95 B-1





95 C-1

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J. McD. Lecky  
Department Head

Never before has there been such a need for businessmen capable of "reading" the public and able to produce what people want at lowest possible prices. The time is past when businessmen could do this successfully "by the seat of their pants". To be able to do this in the rapidly changing environment of today is a formidable task fraught with the danger of miscalculation but bright with the prospect of rewards when the consumer is satisfied. It takes bright minds plus unbounded energy and technical competence to meet this challenge.

In the marketing programmes we hope that the bright minds are picking up some of the formal training and gaining the orientation and technical abilities required to compete successfully in this environment.

The success of many of our past graduates leads us to believe that we are on the right track. We know that you are benefiting from their experience. We hope that with your help and advice that we can continue to devise new courses and improving existing ones so that we can look for ever-increasing success for future graduates.

We hope you have found your two years with us interesting and worthwhile. We wish you every success.



President? Me?



Future Executives?



# Graduates

M. R. Arnold  
W. A. Baldwin  
B. C. Brown  
C. H. Burden  
R. A. Burnie



R. D. Byrne  
C. F. Cairns  
D. J. Chilton  
S. F. Cooper  
D. J. Day



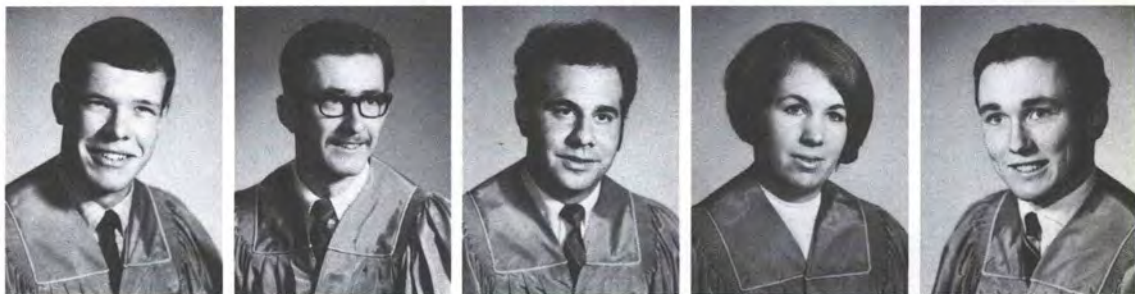
G.P. Drain  
B. Drummond-Hay  
M. Emerick  
D. W. Fladgate  
I. L. Fossen



P. J. Fraser  
R. A. Gendron  
J. D. Gordon  
J. R. Grant  
B. W. Green



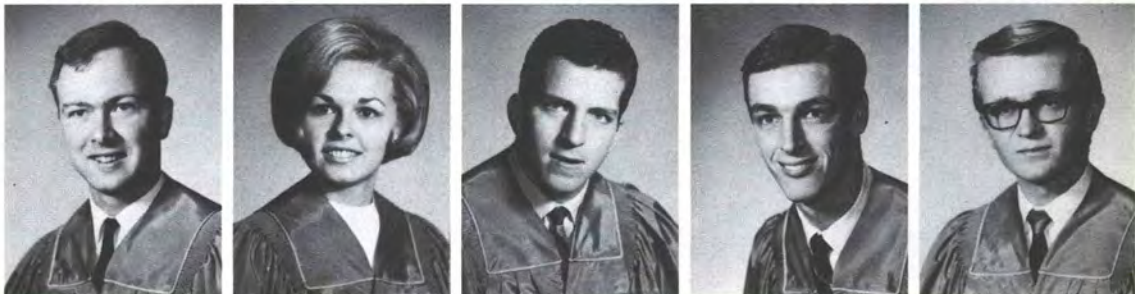
W. O. Hassett  
L. Hawkins  
C. H. Herman  
L. T. Holmes  
F. R. Hoodspith



R. Howcroft  
C. E. Huckvale  
D. W. Ingledew  
J. Isherwood  
J. Kissinger



D. P. Kloster  
S. A. Krutow  
D. G. Lanoway  
R. Lawrence  
K. Loeffler





# Graduates



E. D. Maion  
J. A. McDougald  
R. R. McKinlay  
G. D. McLaren  
T. I. Mercer



S. E. O'Connor  
H. J. Peacock  
B. J. Peets  
B. G. Philp  
W. J. Pitura



A. R. Poirier  
J. S. Ried  
C. Robertson  
S. A. Robin  
G. Russell



D. W. Sauve  
R. E. Searson  
G. Sinclair



G. L. Sung  
J. Sutherland  
J. H. Swan  
R. V. Wanzel  
R. Washington



B. Waters  
R. G. Wilson  
W. H. Wiltse  
V. J. Yip  
J. J. Zabinsky



## Undergrads



96 A-1



96 B-1





96 C-1



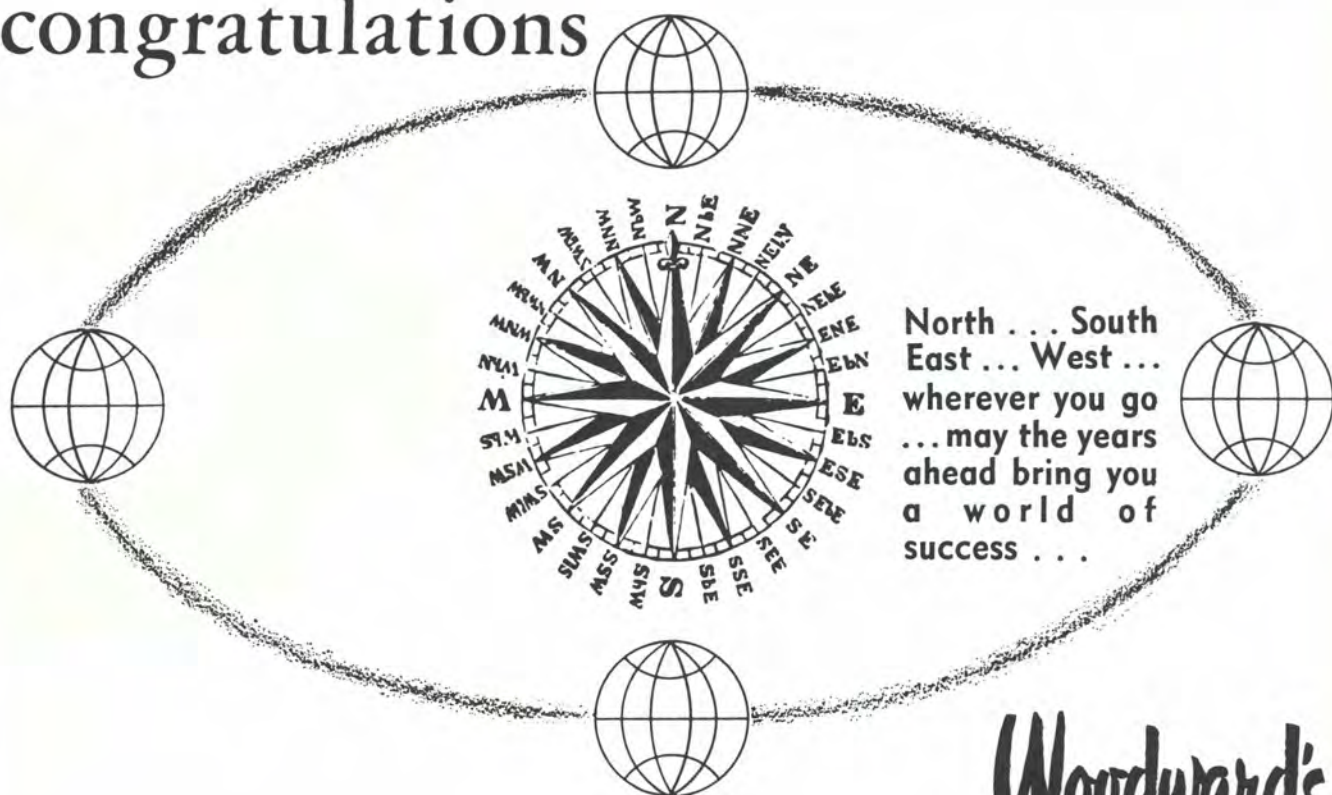
96 D-1





96 E-1

congratulations



Woodward's



## Technical Management



C.N. MacKeown  
Department Head

Technology has created the need for specialization. New sophisticated products like colour television, new exotic tools like computers and new exacting techniques like human organ transplants are all evidence of society's needs. Yet behind all of these, we are still faced with the ultimate challenge — it is man who must be able to communicate with his fellow workers as well as use his new machinery.

The Technical Management graduate will work at this most challenging and interesting crossroad of industry, where men work with modern tools to provide goods and services.

To the class of '69, who we will always remember with a very special regard, — there is "no way" you can fail when you keep on using your abilities with enthusiasm.





# Graduates

W. B. Ackhurst  
G. N. Burgess  
D. L. Busby  
G. Crossley  
J. W. Davidson



J. S. Fennings  
P. E. Johnstone  
B. A. Nairn  
A. Raymond  
R. F. Smith



C. V. Spong  
J. F. Taylor  
D. A. Wannop  
G. J. Whyte  
R. Wilkinson



J. W. Wright



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Gold River Chalet, Gold River  
Quatsino Chalet, Port Alice

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**Delta Hotels**







97 A-1



97 B-1





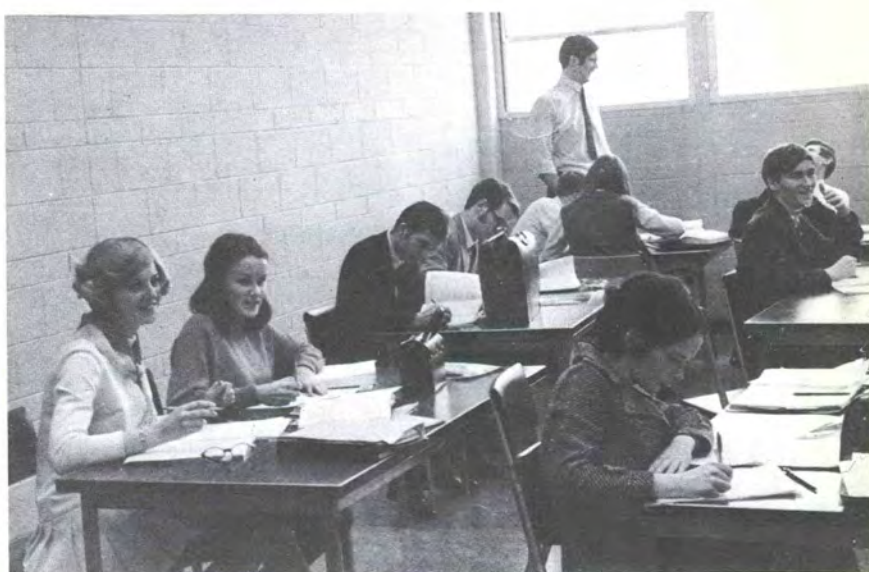
*Happiness is being 'Dummy'?*



*What's a Walnetto?*



*Oh Really!*



*Back to work now girls.*





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analysts

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store, we thank you. The choices  
you make at Eaton's are what we  
count on to keep us young and  
make us the Store for  
Young Canada.







## Forest harvests are a man's lifetime apart

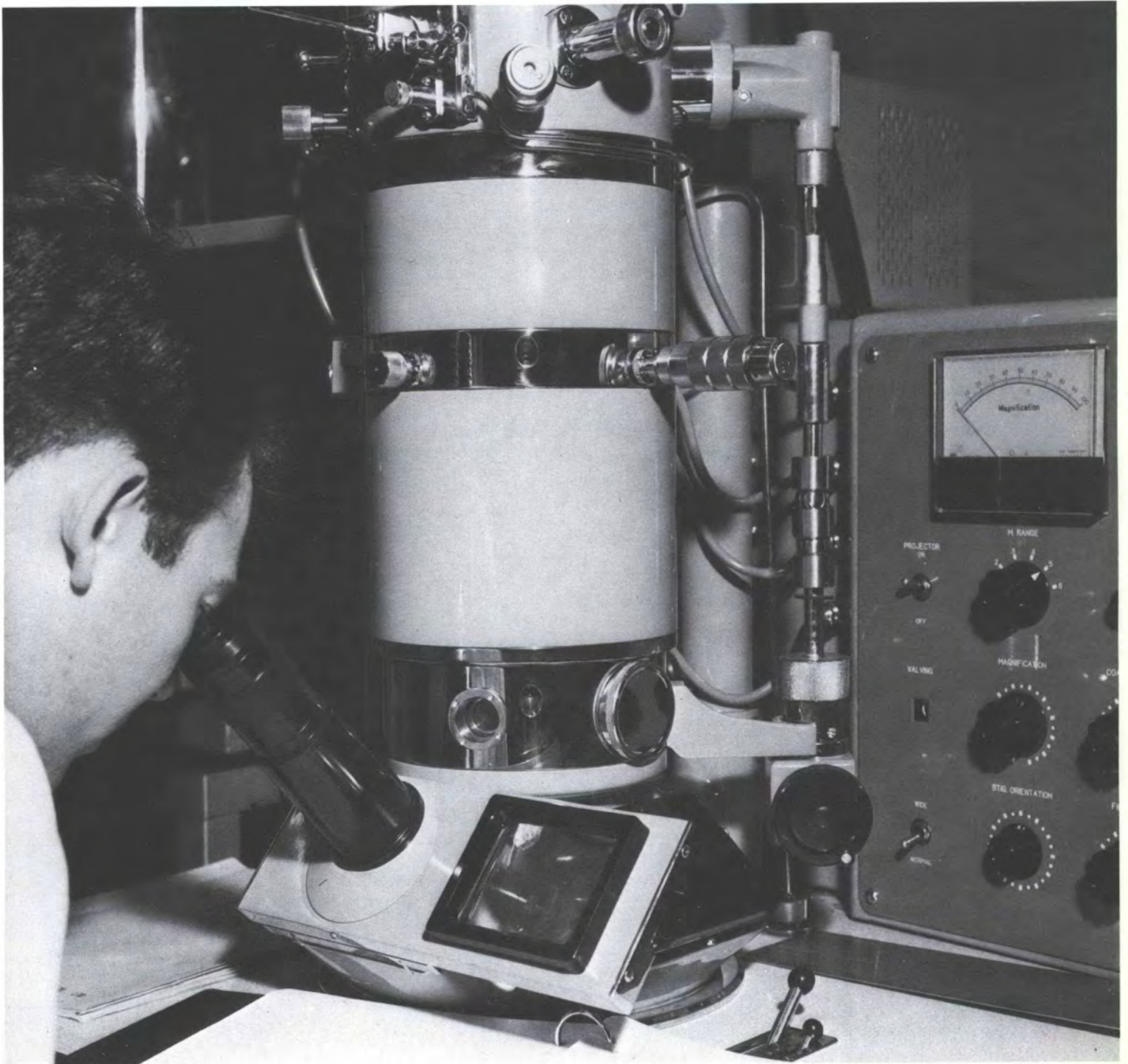
Many farmers wait a year before they can sell what they've sown and grown. Harvest times on tree farms take a lot longer to come around. About fifty to seventy-five years. That's why Crown Zellerbach is continually re-planting harvested forest areas, constantly caring for young, maturing trees, guarding them against fire, against insects and disease, against foraging wild life. Forest regeneration is a full-time job and Crown Zellerbach has helped nature's own seeding program by hand-planting millions of new trees.

This is part of the Crown Zellerbach program of making sure tomorrow's forests will be as fruitful as today's. Of making sure that tomorrow's forest products – lumber, plywood, paper – will be as plentiful and even more useful than they are today.



**CROWN ZELLERBACH CANADA LIMITED**









R.C. Mason  
Department Head

The Chemical Process Industries in Western Canada are due for another round of expansion. This expansion should continue for the next three to four and maybe even five years. At the present time in British Columbia a new pulp mill has started production in the Skookumchuck area and one oil refinery has completed the installation of a toluene production unit. Another oil refinery, and one of the synthetic resin producers are currently undergoing expansion. The mineral processing industry generally is expanding and indications are that it will continue to do so. In fact, all segments of the Chemical Process Industries are healthy.

The prospects for the graduates in the Chemical and Metallurgical Technology are extremely good. The opportunity to advance to positions of responsibility is greater now than it has been for many years. Positions such as heads of laboratories, process, shift and production supervisors; production managers; and even plant managers, will be filled by members of this year's graduating class within a very few years, probably within the next five years.

The graduates of the Chemical and Metallurgical Technology have already proven themselves to be capable of handling these responsibilities and success will follow as a natural consequence.





# Graduates

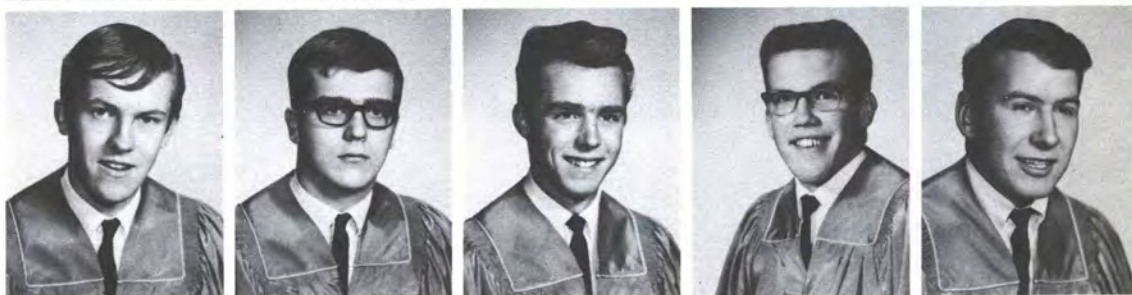
W. Bailey  
G. E. Barker  
R. Bateman  
W. J. Belsey  
J. Bosman



R. W. Brown  
M. Corbeil  
G. Fehlauer  
D. J. Frame  
E. A. Hauffman



B. E. Johnson  
T. L. Kress  
B. A. Larsen  
G. Mallory  
T. C. Nixon



I. P. Osis  
R. J. Ostle  
S. Portelance  
M. Putich  
D. Roberts



G. Saito  
E. L. Scherck  
D. W. Semeniuk  
J. Stephenson  
P. Thompson



G. Thornhill  
J. Tofin  
K. H. Uyeyama  
N. L. Wade  
W. W. White



K. G. Willett  
P. K. Yee  
D. J. Zibrik





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George J. Dunn, CLU  
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Peter H.N. Leung  
688-4081

Robert Menzies  
988-4825

Dennis L. Giddings  
987-4671

C.P. Lucente  
524-3091

Richard M. Player  
683-7012

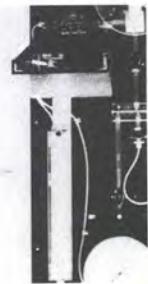
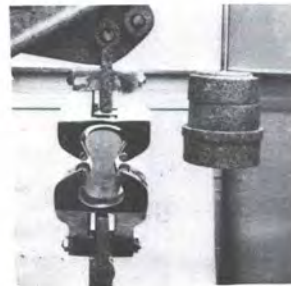
Wyville Jones  
988-2460

Douglas A. McCracken  
288-8381

Dennis Wolfenden  
987-3889











G.O. Lake  
Department Head

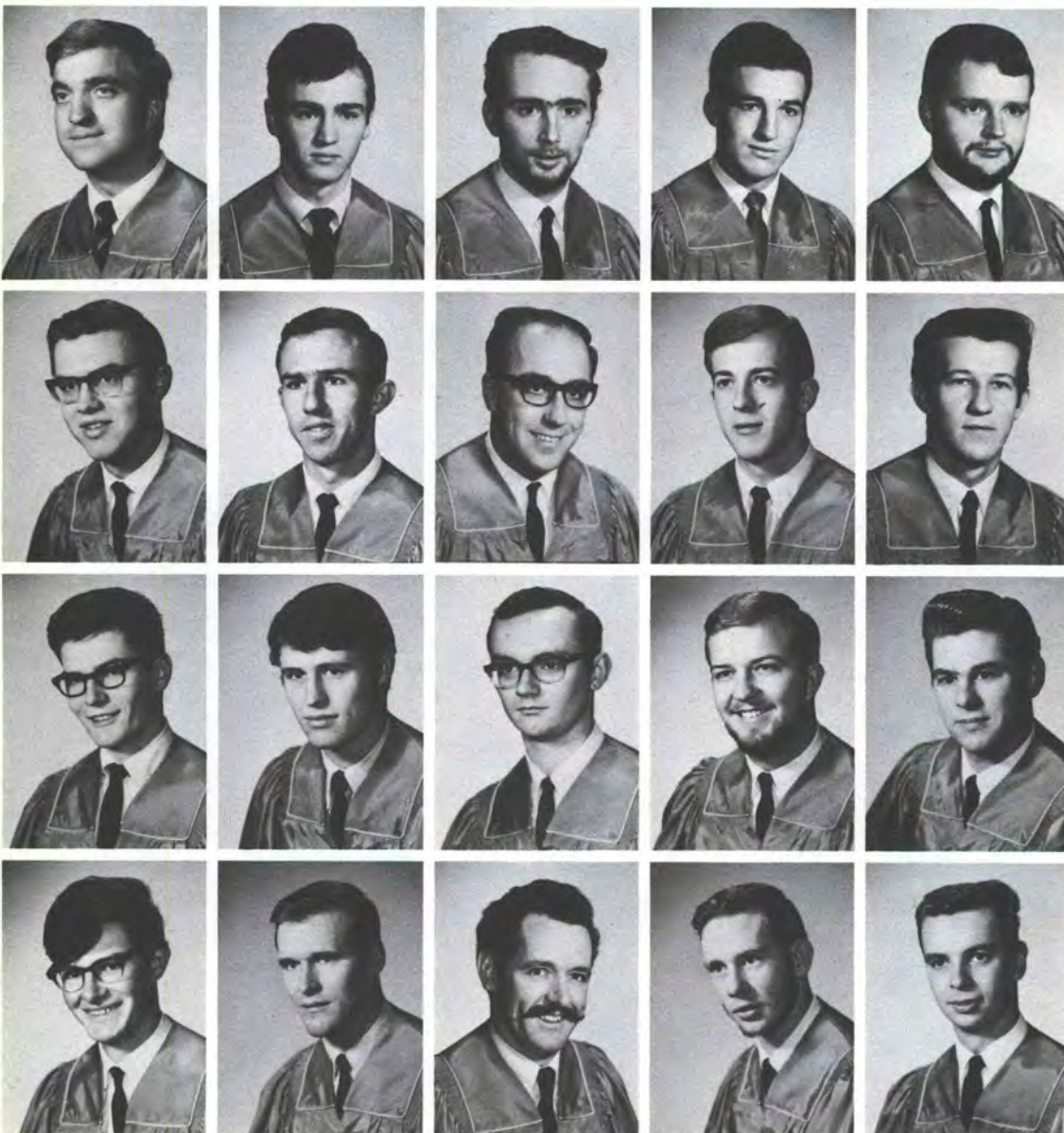
Good bye graduate. One look in the mirror before you go. White shirt, subdued tie carefully knotted, dark jacket, unobtrusive socks and black shoes. I laugh at you graduate, — you're a conformist.

What about those two over there? One, — hair piled high, flared miniskirt showing knee plus ten, sheer clad legs ending in neat red flat heels. And the other, — hair short, straight pink sheath, entrancing dark nets to simple glossy-black pumps. No conformists those two. Now there's another, — white shirt, subdued tie carefully knotted, dark jacket, unobtrusive . . . and another . . . and another . . .

What's that you say? You're unique. Thoughts, processes, ambitions, interests, values, skills, confidence. Can these have vanquished the concern with Institute dress? They have? Dress — superficial and petty? Conformity and non-conformity both practical? All shades of grey, depends on the situation, enlightened self interest? — no fooling.

I laugh at you graduate. Here's luck if you need it.

Oh graduate, look out for those non-conformists over there, — terribly competent in their line. That one on the left now, — she knows what she's doing. No league for you graduate. Why she can switch to conformity and back again so fast it would leave you stunned. I know.



G. Abermeth  
S. Anderson  
G. Beaveridge  
P. Begley  
W. Bjornson

J. Bootsma  
D. E. Brown  
R. Colombo  
D. Cummings  
F. Dance

W. Dedio  
L. W. Edwards  
E. D. Evans  
L. Fedosenko  
L. Franklin

R. B. Gill  
H. T. Hill  
J. Holland  
T. J. Hunt  
J. M. Lamb



# Graduates

L. R. Lee  
S. Liem  
H. Lockhart  
W. D. Lutsiak  
K. H. Matsui



D. J. Mayson  
R. McNichol  
A. F. McRae  
W. Mottram  
L. Pauloske



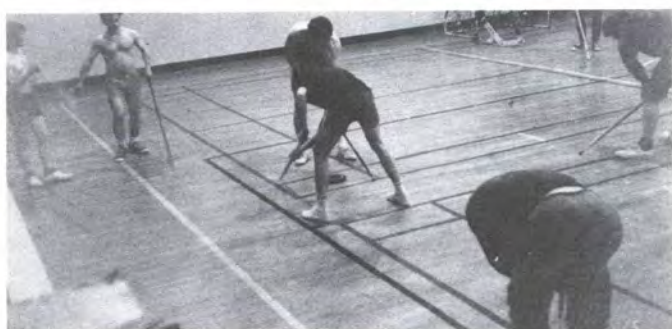
L. Petersen  
K. A. Radom  
P. Rocchetti  
D. Scarrow  
R. Skapski



S. Tang  
W. Thorneloe  
R. Turner  
B. VanTongeren  
A. Williams



W. Wyngaards







42 A-1



42 B-1



42 C-1



# Undergrads



42 D-1

A modern instruction system was established in the Civil and Structural Technology this year. The system stimulates a consulting engineering firm in which the students can develop practical abilities and experiences. Until this recent revision in the instructional system, it had been the same as predominates in other technologies in B.C.I.T. That is, a system of lectures and tutorials accompanied by intermediate and final examination.

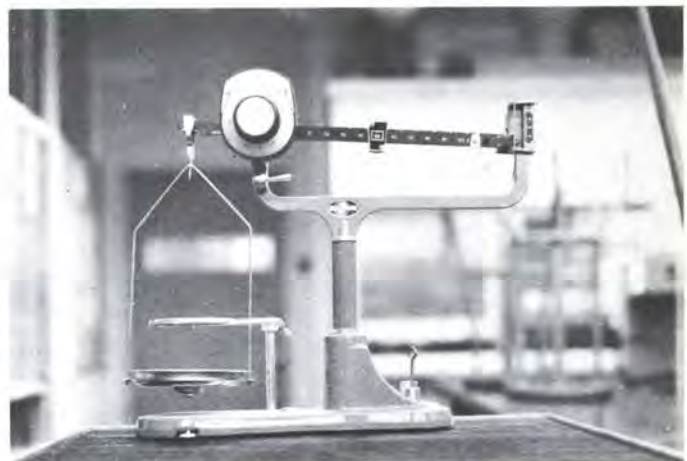
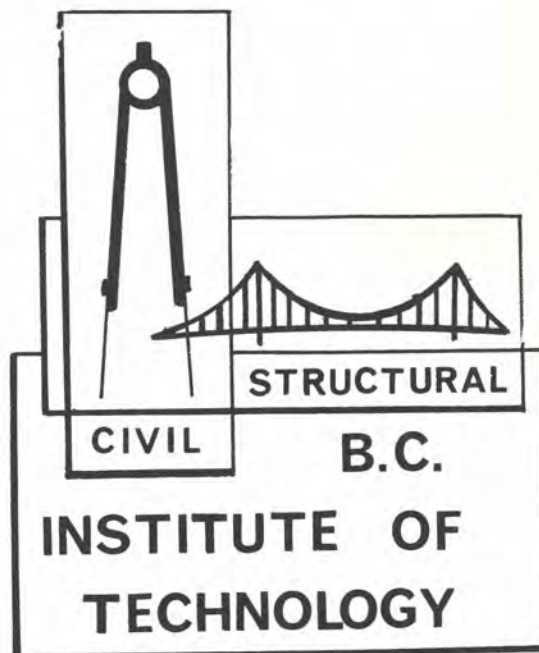
The new system is similar to a perpetual tutorial without lecture or formal examinations. Civil and Structural subjects include: Civil Engineering, Statics, Hydrology, Concrete technology, Hydraulics, Strength of materials, Structural design, Sales, Municipal services, Bridge and building practice codes and Specifications, Costing and estimating, Highway engineering, and Traffic engineering. These subjects have all been grouped into one category, Civil Engineering.

Various projects simulating problems faced in industry are available to the students. These projects, based on one or more of the integral subjects, are designed to illustrate interrelations and practical applications of these subjects. Students may work on projects at their own rate, and may concentrate their efforts on the subject of their choice, providing that a minimum rate of achievement is attained.

At the same time, the student need not concentrate on nine separate subjects concurrently throughout each term, as was required by the previous system. The students must however, still take the core courses, English, Mathematics, Physics, etc., by the common lecture method.

During the time scheduled for Civil Engineering, about 25 hours per week, instructors are available for consultation. These instructors constantly assess students, thus, final standings are determined without formal examination. Some instructors may choose to supplement their evaluation with written or oral examinations.

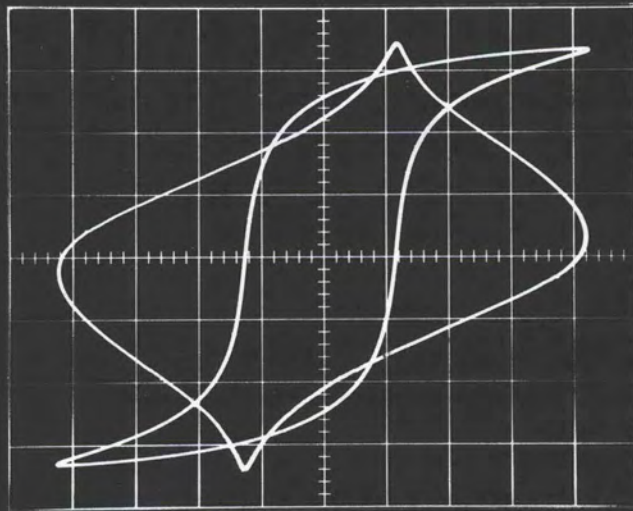
The most beneficial aspect of this new system is that the students themselves formulate their own methods of approach.















R.E. Ridsdale  
Department Head

1968/69 has been an eventful and satisfactory year for the Electrical and Electronics Technology.

Last spring things looked rather black on the economic front and we were dubious about the job situation for our 1968 graduates. However, things started a predicted upward trend resulting in full employment for all E & E graduates. Since that time we have experienced a comforting increase in activity by employers seeking to obtain the services of our past graduates. Believing that the general economy is now in a condition of steady improvement we look forward to continued full employment for our graduates.

The extra curricular activities of our E & E students are always of interest and importance. Besides the sports and social activities, the B.C.I.T. Student Branch of the Institute of Electrical and Electronics Engineers gives us cause for much satisfaction. It enjoys the largest membership of any such branch in Canada. In providing lunch-time technical meetings and evening and weekend field trips it helps to make technical learning enjoyable while fostering contact between our students and the industry they will become part of.

On behalf of all of the staff of the Electrical and Electronics Department I wish all 1969 graduates the very best of everything. We wish them a good start in their careers and good health to enjoy the fruits of their efforts.



Electrical Trade Show



# Graduates

K. Arbuthnot  
J. Au Yeung  
D. Beale  
H. Bedard  
D. Bently



D. Bishop  
R. Blake  
Y. Bojeng  
W. Borne  
D. Brandys



A. Buttjes  
W. Churchill  
J. Colley  
M. Comeau  
D. Court



R. Coutts  
E. Davidson  
W. Fisher  
B. Fleet  
R. Forbes



B. Gagnon  
W. Graham  
M. Hassan  
A. Haywood  
D. Henderson



D. Hunter  
J. Jack  
D. Johanson  
R. Johnson  
R. Johnston



N. Jones  
M. Jury  
J. Kesselring  
J. Khoury  
I. Kimm







R. Knight  
G. Kronstein  
P. Larkin  
E. Lassen  
J. Lukasek



N. Mark  
R. Mathews  
G. McConnell  
L. McCutcheon  
D. McLaren



C. McLennan  
G. McLeod  
G. McMillan  
P. Milne  
G. Muth



R. O'Connor  
A. Oksakovsky  
B. Ozzard  
R. Page  
A. Pedersen



C. Penner  
W. Peters  
W. Phillips  
D. Polishak  
K. Polowy



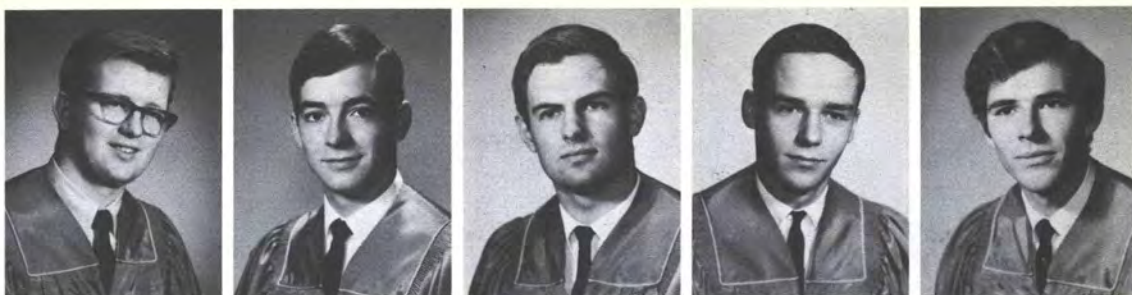
V. Powell  
L. Rainko  
G. Randall  
J. Robertson  
G. Rodgers



D. Russell  
P. Sampson  
D. Sanders  
R. Savolainen  
C. Seely



L. Senum  
E. Sketchley  
J. Snell  
D. Snider  
T. Soutar



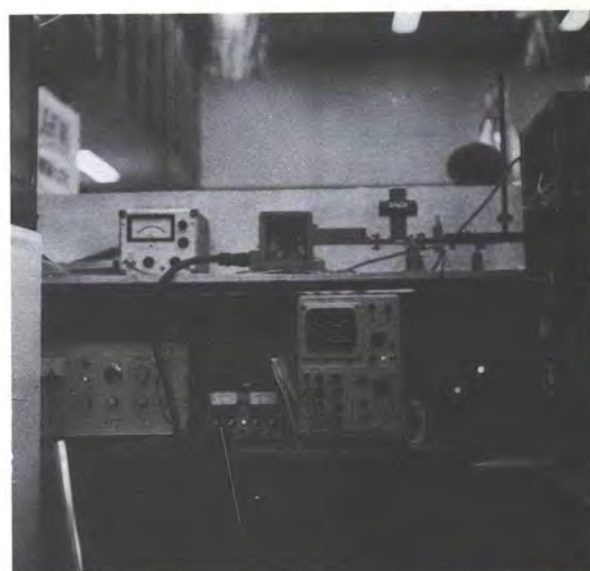
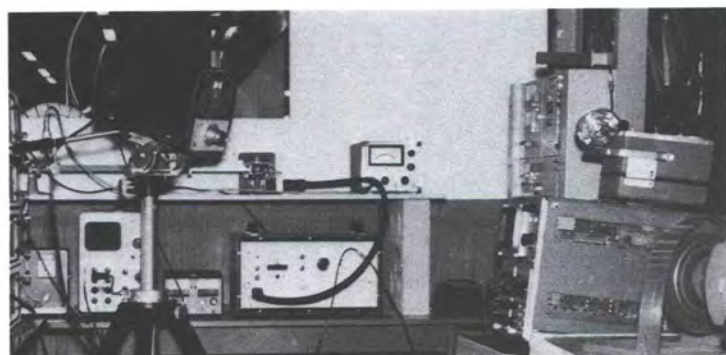
E. Stanley  
L. Stewart  
B. Stott  
E. Strench  
R. Telford



A. Van Hunenstign  
H. Verwoerd  
L. Vogt  
W. West-Sells  
F. Wille



P. Williams  
G. Woods  
P. Wyper







43 A-1



43 B-1



43 C-1



43 D-1



43 E-1



43 F-1



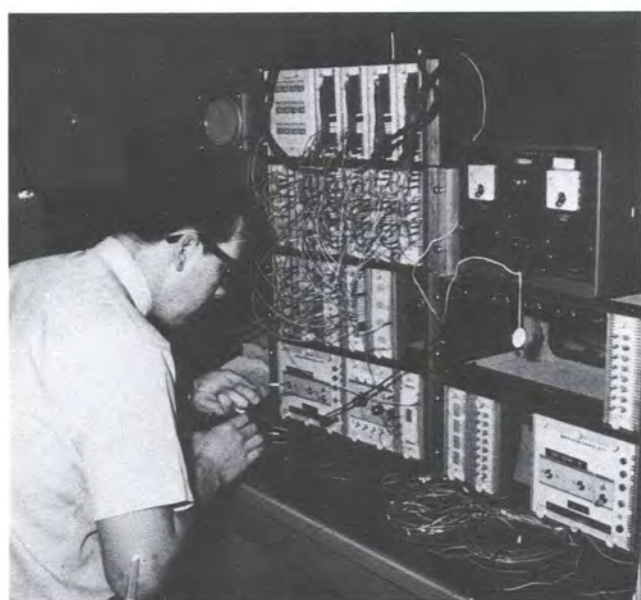
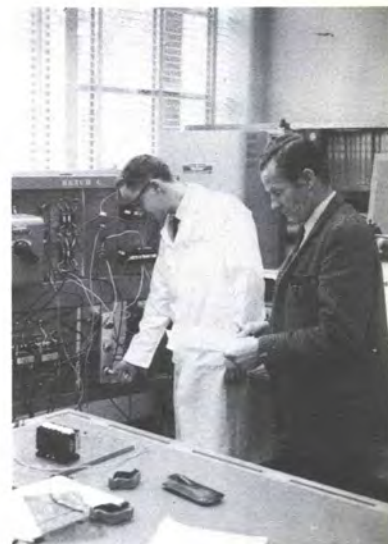




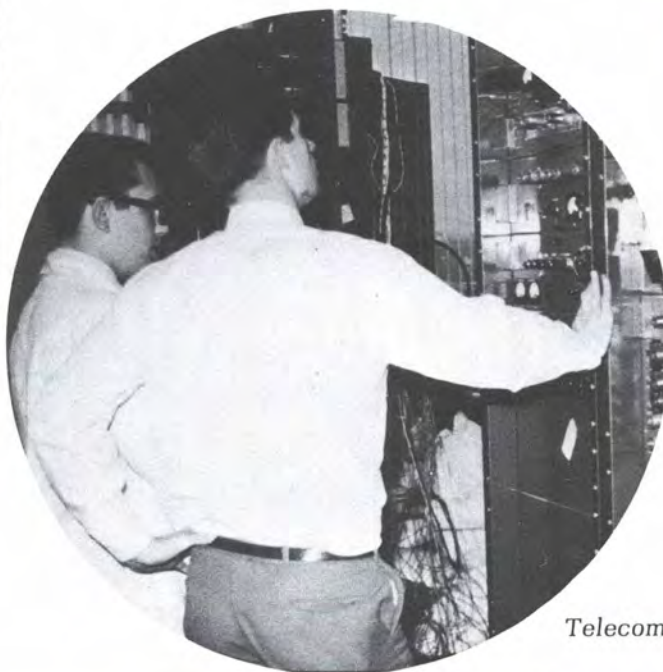
*Circuit Design*



*Power*



*Digital Techniques*



*Telecommunications*



*Weather Ship Field Trip*



*Ham Club*



## TODAY'S TECHNOLOGIST

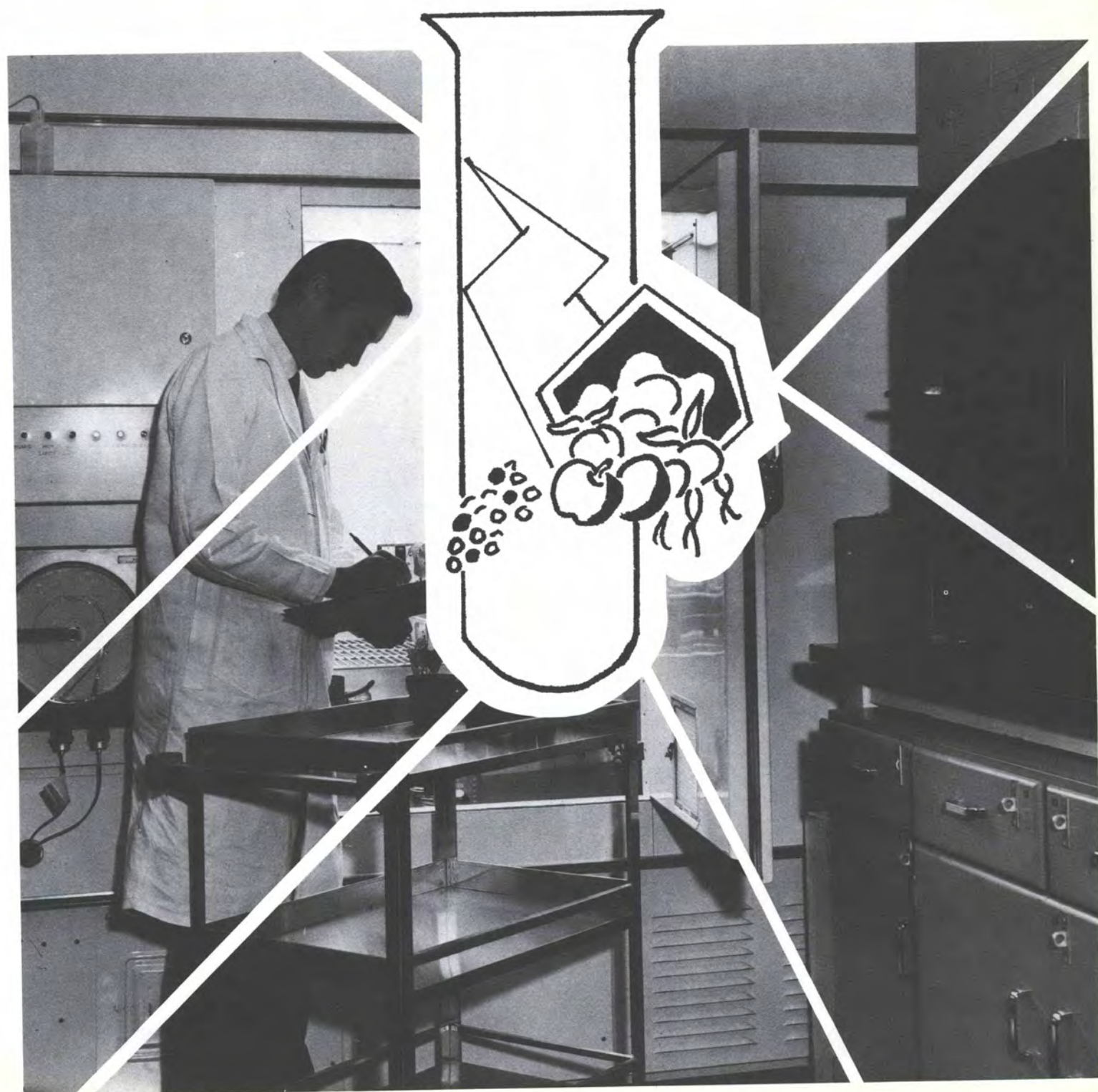


Charley Smith in the printed circuit department  
is getting carried away again.

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R.B. Hyde  
Department Head

World population is expanding at an alarming rate. Over three billion people now inhabit the earth. At the present rate of growth, it is estimated that the population of the world will double within 40 years. This is equivalent to populating a new Canada every three and one-half months, or a new United States of America every three years.

Even now, we are faced with an excessive feeding burden; over one-half of the world's inhabitants are undernourished. Picture the problem over the next decade! The production of foodstuffs will have to increase phenomenally just to keep up with the population increase. Even if strict birth control could be implemented, its long term effects would not be felt for many years. Actually, the birth rate, in most countries, has shown a decline in this century. World population is increasing because people are living longer. Man is making significant progress in his fight against diseases and death.

The real challenge of this century is not the conquest of space but the conquest of hunger. The industrial potential of the world must be committed increasingly to food production if we are to have any future at all. This forms the sombre background against which you, the new technologist must view world events.





# Graduates

K. F. Axford  
R. Cockcroft  
R. W. Crews  
J. W. Cryer  
K. J. Curdie



C. M. Deck  
D. C. Firth  
A. J. Fish  
R. J. Guy  
E. A. Harris



J. S. Kirk  
C. Lendrum  
R. R. Lillie  
G. Mark  
G. McIlveen



C. Meehan  
D. E. Mitchell



D. M. Naito  
W. Nicholson  
J. M. Olson  
A. Pfeiffer  
R. E. Press



C. Priestester  
S. L. Riches  
G. Robinson  
J. E. Ross  
J. M. Smith



L. A. Taylor  
T. A. Tuplin  
J. Watson  
E. B. Wiken  
G. Williams





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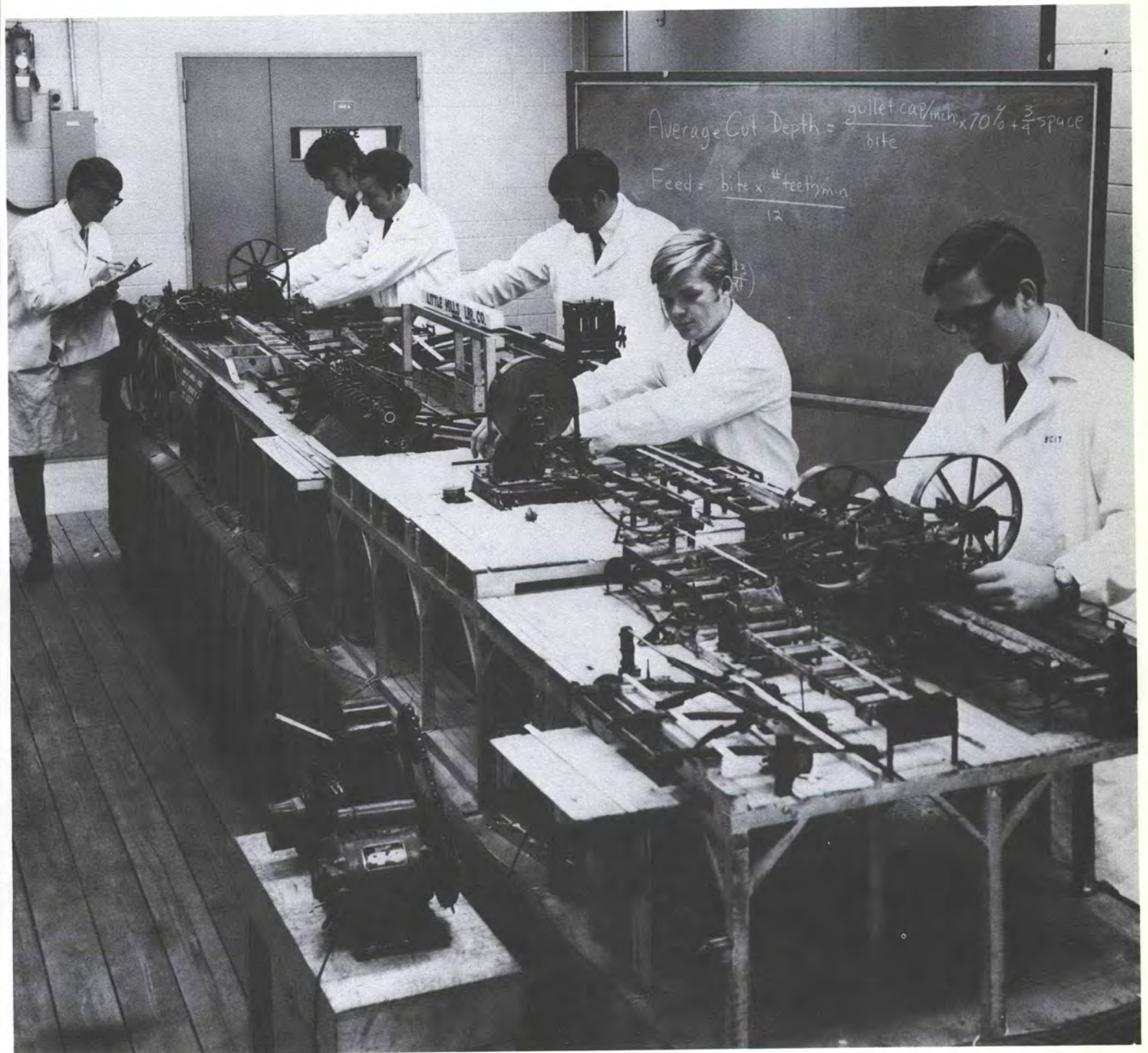
Supports Education  
in  
Food Technology



A Division of Fraser Valley Milk Producers' Association  
Box 9100, Vancouver 3, B.C. Telephone: 298-1373



# Forest Products







J.R. Campbell  
Department Head



G.R. Harris  
Department Head





# Graduates

D. Bird  
R. J. Brown  
J. Constantino  
F. R. DeVries  
M. S. Driver



R. Gamache  
D. W. Hay  
J. W. Hemsely  
W. Humchitt  
R. E. Learmonth



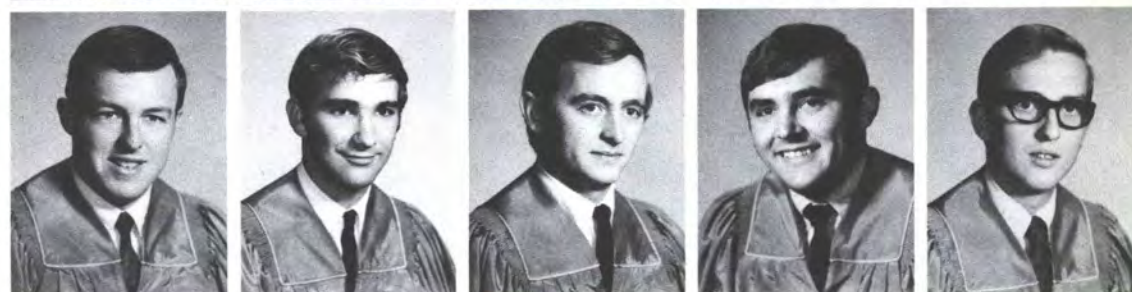
R. Lundgren  
W. MacGregor-Skinner  
B. D. McKinney  
M. F. Nosak  
J. N. Oikawa



T. H. Riley  
E. Rockwell  
N. A. Ross  
R. J. Salmons  
A. Smillie



R. J. Stone  
W. C. Strang  
E. S. Tomczyk  
R. J. Unser  
R. Vaughan



L. Zibin





**This is a world of change** and no one is  
closer to that process than the forest industry.

BCFP forest management practices and  
methods of handling timber are the subject of continuing  
study. In whatever area of the forest industry  
you will now enter, ask yourself the question  
we ask: **where can change**  
**or innovation** contribute to progress?



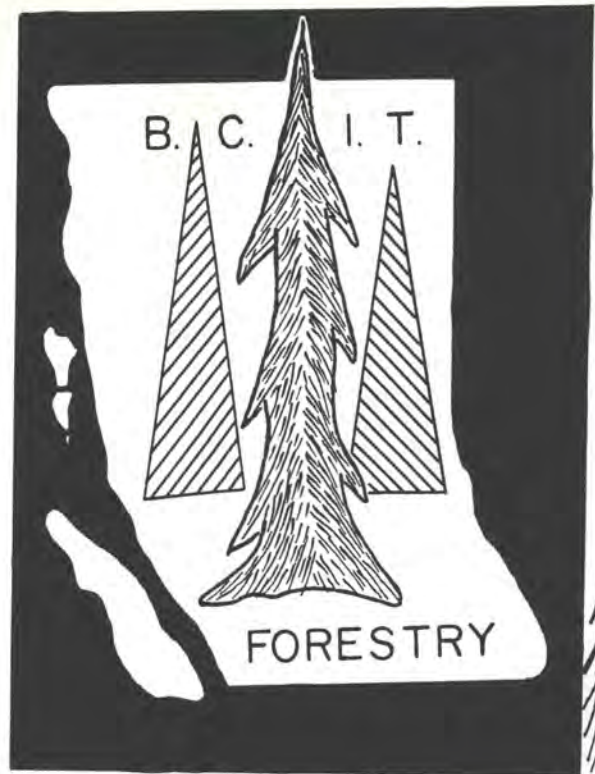
## British Columbia Forest Products Limited

1190 Melville Street, Vancouver 5, British Columbia, Canada.

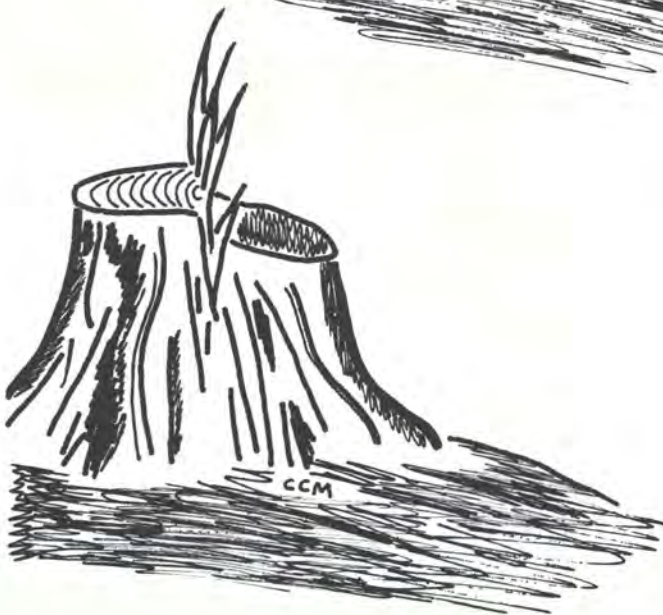
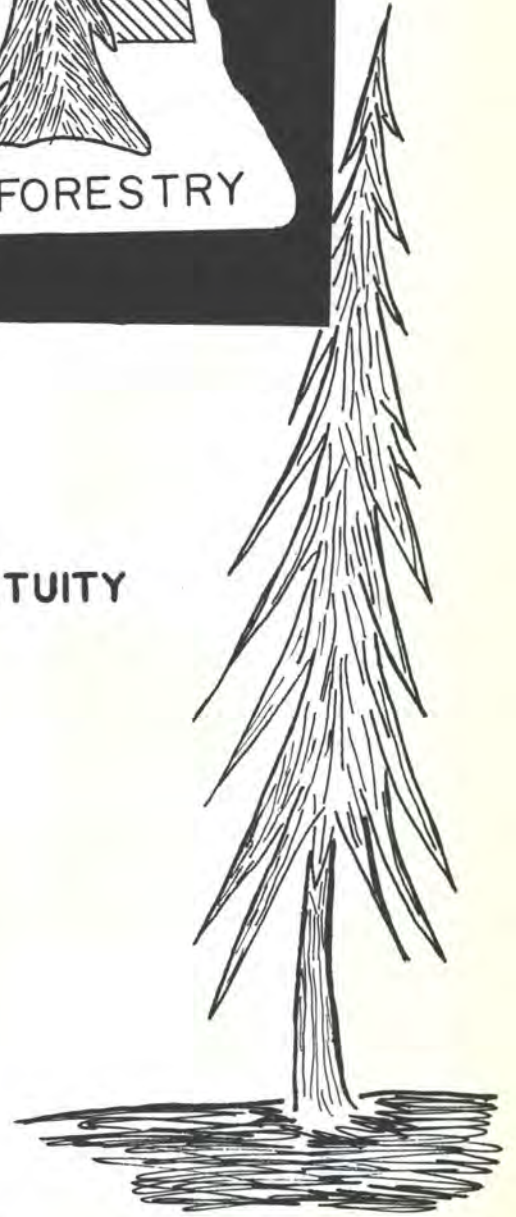
Forest Prince: the self-dumping log barge was pioneered by BCFP







## CYCLE OF PERPETUITY







V. Heath  
Department Head

The relationship of all living things has urgent meaning for all of us, but more particularly for young people entering the world of adult responsibility. This subject, so old, so vast and so continually new, requires the attention of persons of quality. These are persons who recognize the something beyond success — excellence. It is people of excellence who build greatly and lastingly and who are interested in relating the present state of affairs to our natural environment.

Among the qualities needed by persons in search of excellence, and in preserving our way of life are these: a wide view, curiosity, courage, self discipline, enthusiasm and energy. Nowhere are these qualities more necessary than in the preservation and development of our natural resources. If we wish to come to terms with what is left of natural forest, soil, water and wildlife we must agree in terms laid down by nature, not imposed by us. Any wrong which nature may for centuries commit, she has centuries to repair, but we, whose days are short, must walk warily lest we become the victims of the wasteland we make.

It is recognized that, amongst the greatest of our natural resources "the wealth of a nation consists more than anything else, in the number of superior men that it harbours". (William James — 1906 — address at Stanford University). The obligation upon Canada is to honor the qualities in men and women which are most necessary to the continued vitality of our country.

The best wish we give to graduates is a capacity for continued growth and the realization that, "to survive, all men must hold hands."





# Graduates

G. Anderson  
K. A. Anderson  
F. Andrew  
R. R. Austin  
L. W. Austin



G. C. Baber  
R. A. Beals  
L. Bendickson  
D. R. Bennett  
L. Campbell



R. E. Carter  
T. A. Carter  
R. B. Clark  
M. Cleaver  
R. Colbourn



P. M. Collier  
R. Cudmore  
J. E. Dodd  
K. A. Doratty  
K. M. Douglas



J. A. Drenka  
G. D. Fraser  
D. W. Green  
P. G. Green  
L. G. Hall



I. D. Halowaty  
A. Hammerton  
T. O. Harding  
M. F. Harris  
D. Henderson

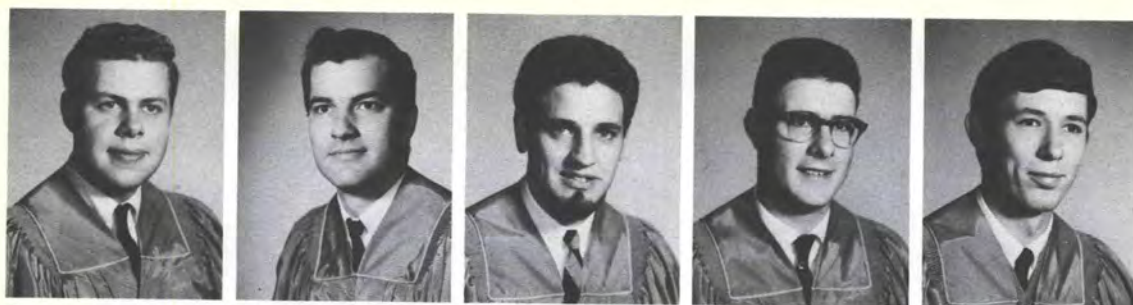


E. A. Heppner  
J. Heppner  
R. A. Holland  
E. A. Holtby  
H. Jensen





## Graduates



J. B. King  
A. C. Letain  
C. C. Martins  
F. McCrindle  
D. J. McIntosh



E. W. McClorg  
T. A. Mears  
R. Medeiros  
A. Millen  
H. T. Miller



T. F. Miller  
F. D. Nelson  
A. D. Petrie  
K. R. Piercy  
R. I. Povey



D. G. Ratson  
S. Relkoff  
E. L. Richardson  
J. R. Roberts  
K. B. Ross

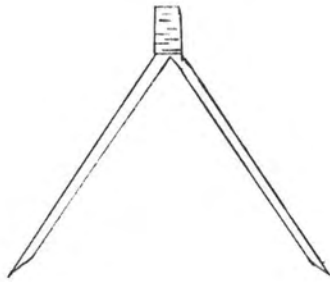
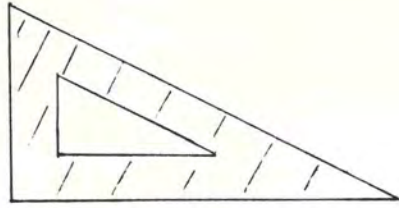


M. D. Ruelle  
N. R. Shaw  
R. Sklapsky  
K. D. Stinson  
K. Teschke



B. A. Thompson  
B. J. Vink  
J. E. Vivian  
D. R. Wallden  
W. H. Wilson

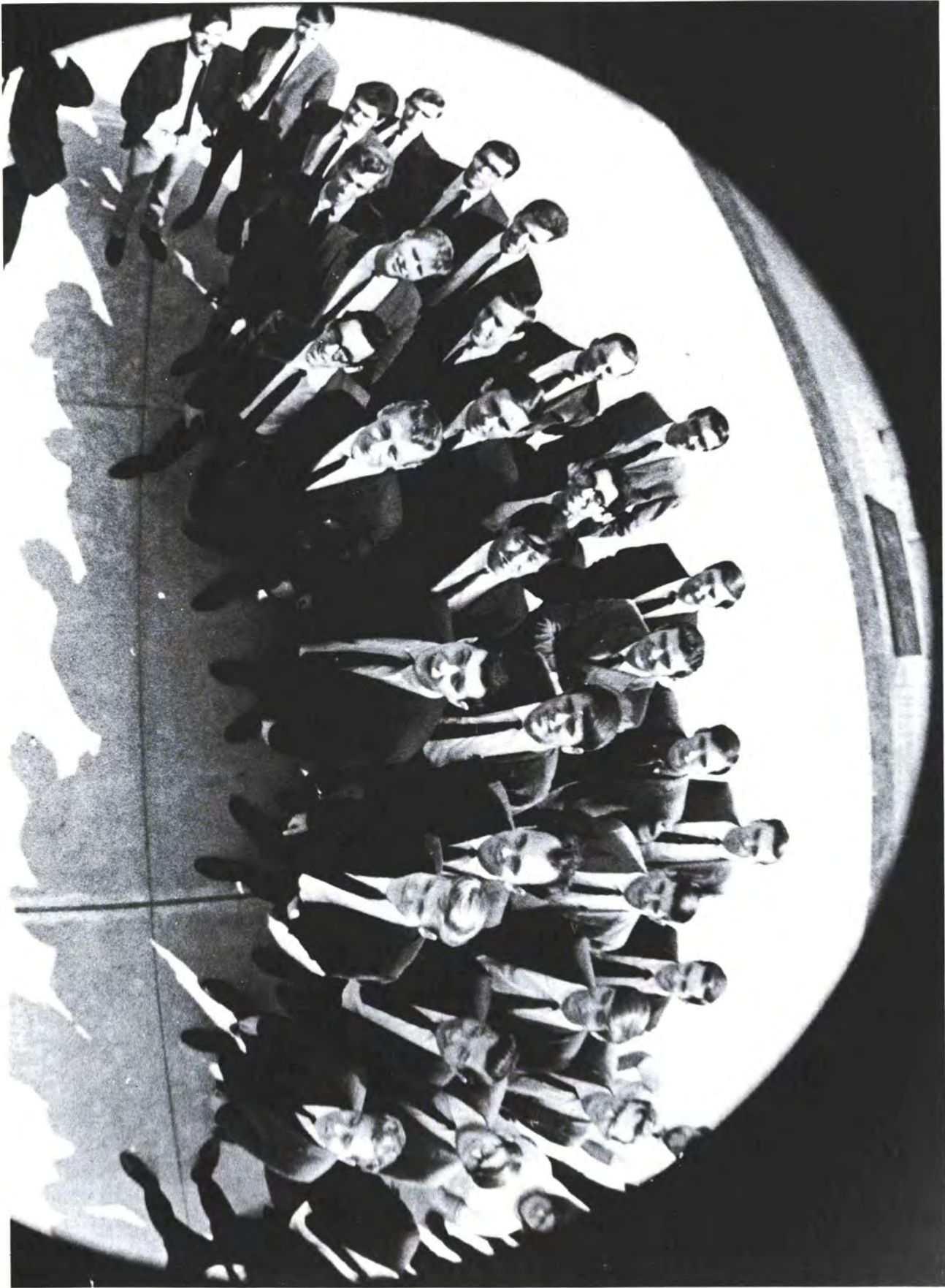


















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and  
Forest Engineers

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Vancouver, B.C.

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Wolf**



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Kamloops • Prince George







A. Ridgway  
Department Head

Biomedical Electronics is that branch of science and technology which deals with electronics in biology and medicine. Graduates in this specialty may work in hospitals, universities, government institutions, research units associated with such diverse activities as the exploration of space or the oceans, or for commercial companies.

The type of work may vary widely. In British Columbia it may range from fisheries research to patient care, from monitoring in cardiac surgery to the computer analysis of the retina of the eye, from the maintenance of hospital equipment to the building of a heart-lung machine. In all these diverse activities the graduate will discover the privilege of serving his fellow man.

This year is the first in which the British Columbia Institute of Technology has graduated a class of Biomedical Electronics Technologists.

As a new and exciting part of health technology in our society these graduates will in large measure be responsible for guiding the profession into its pattern for the future. To this class and the classes which graduate in the next few years will come the responsibility, of establishing the status of the new group.

The opportunities for personal satisfaction and reward awaiting these specialists are very many. In this present age, in which attention is focused so much on medicine and on electronics, to be qualified in a field which encompasses both is to be well qualified indeed.

During the past two years our new graduates have learned a great deal and have made many valued friends within the health technology family, in the Institute, and in local hospitals affiliated with us. To the directors and staff of these hospitals and to the Advisory Committee of the Biomedical Electronics Option we acknowledge our gratitude.

At such a landmark in the lives of these technologists, my staff, Mr. Bauck and Mr. Scharf, and I wish every success to our pioneer graduates and to the first year students who will be following them.





A. E. Hamm



K. P. Poon

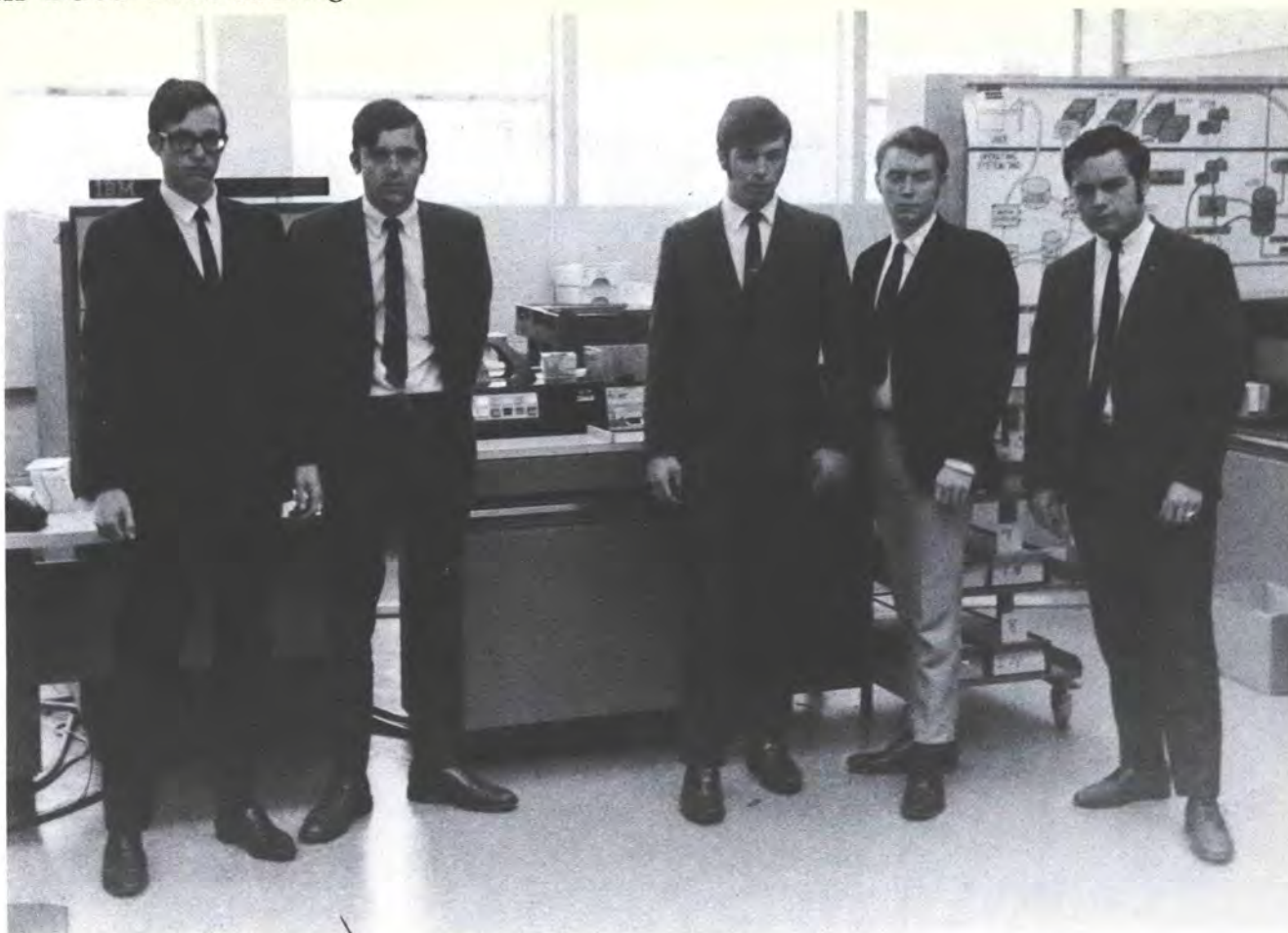
## Undergrads



82 A-1







Undoubtedly, over the last few months, you have asked yourself what has your education at B.C.I.T. done to prepare you for the work which is to follow. Granted you possess a certain amount of valuable knowledge, but in this world of change your knowledge is in danger of becoming obsolete at a rapid rate.

Viewed in this light your time spent at B.C.I.T. may seem to have little value beyond providing you with an introduction to your career. However such a conclusion is far from correct.

With few exceptions to the rule, a student's life at B.C.I.T. foreshadows that which is in store for him in the future. At the Institute you learned to work hard. This capacity for hard work will prove invaluable in your new careers.

Moreover, your ability to achieve the goal which you set for yourself, namely your diploma, despite the difficulty of your course, illustrates a fixity of purpose. Frequently in history, fixity of purpose has been the key to success. For the Romans, the idea of the true man was *Vir tenax propositi*, that is a man who holds to the course which he sets before him. By virtue of this idea the Romans conquered the world. The world is yours graduates of '69. Sincere best wishes for your future.



S.L. Williams  
Department Head





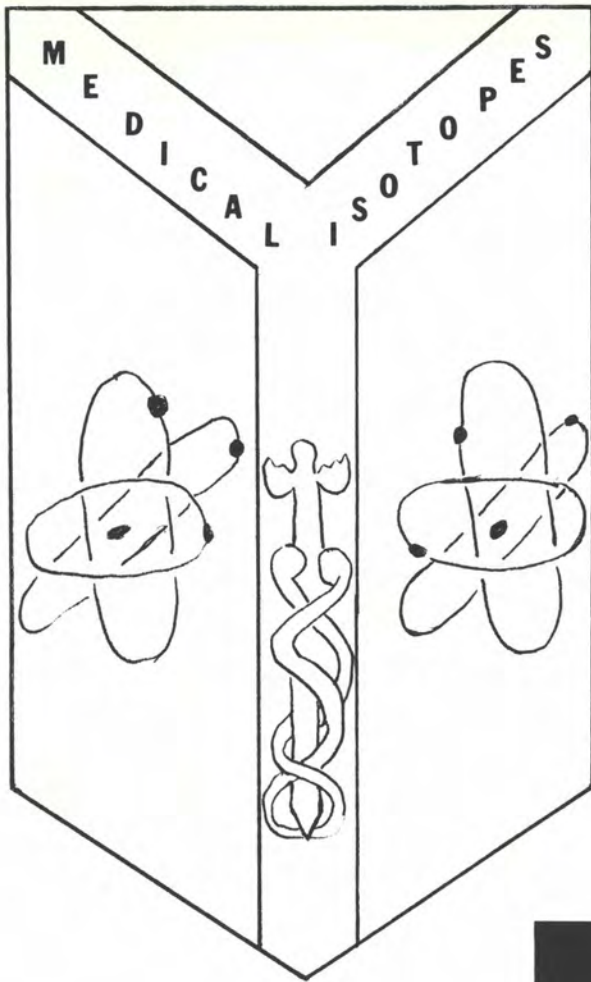
G. A. Connal  
L. G. Knibb  
D. A. Laird



G. Spearman  
J. Williamson











In December 1942 the first self-sustaining nuclear chain reaction was initiated, and even more important, controlled by man. This first reactor heralded an era of progress in Nuclear Science and technology that has materially influenced the course of civilization. Happily, it is the peaceful use of the colossal energy that can be released from the nucleus of an atom that is having such an effect on our lives.

Using both atomic reactors and cyclotrons man can now produce, at will, radioactive versions of nuclides that are being used in a great variety of ways in almost every facet of our complex civilization.

In the field of medicine radionuclides are having an impact that, as someone suggested, is akin to that of the advent of the microscope. Nuclear Medicine is a new and exciting field, now hitherto 'unseen' organs can be visualized and physiological processes can be monitored and assessed. These complex investigations not only demand sophisticated instrumentation but skilled and properly trained technologists to perform them. June 1969 will see the first graduates in Medical Isotopes from B.C.I.T., — these people will have been trained in a composite of skills, not to merely push buttons, but to bring an intelligent and knowledgeable approach to their career as Nuclear Medicine Technologists.



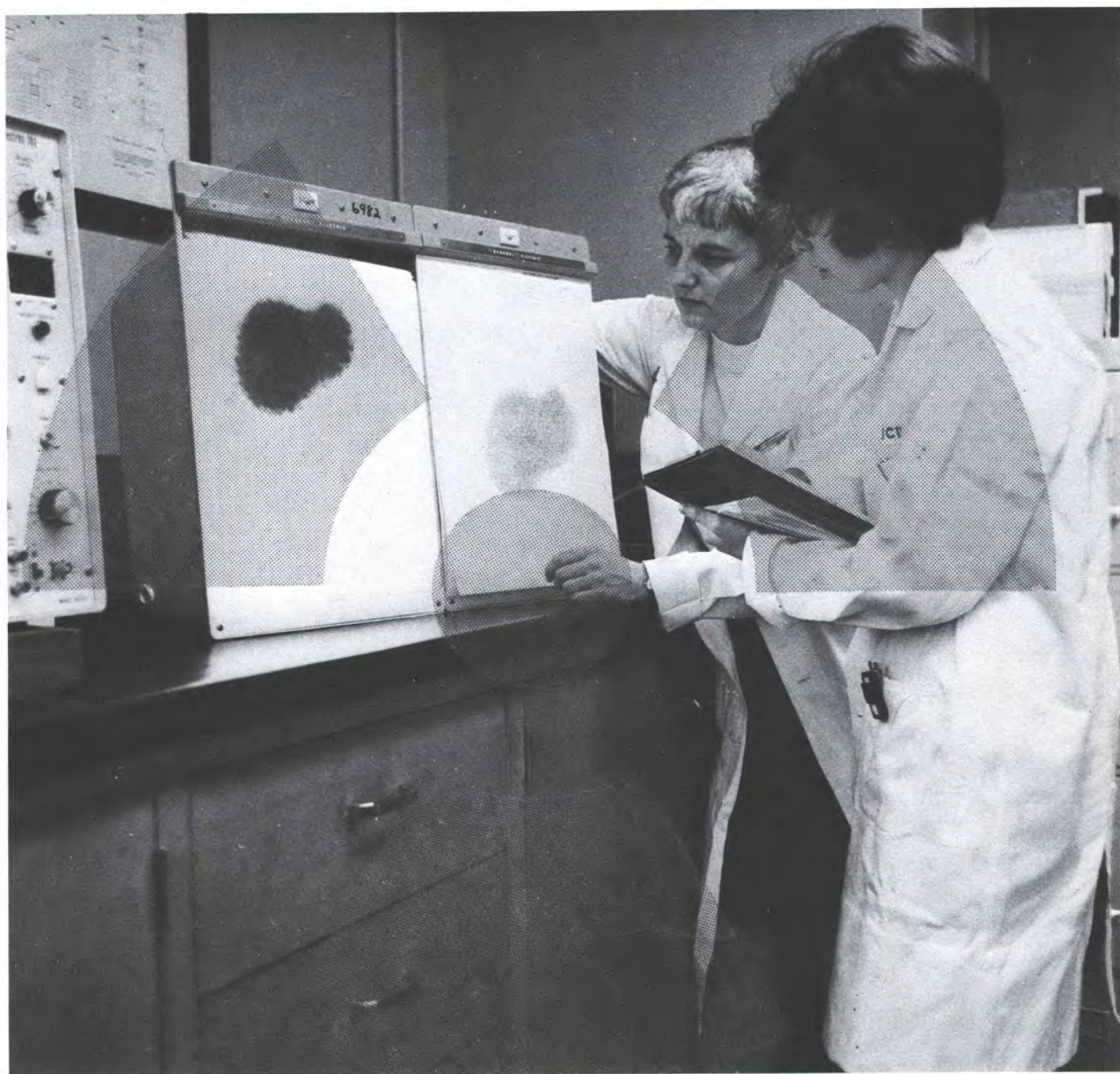


# Graduates

E. Bowers  
J. Campbell  
G. Meyer  
D. Roberts  
B. Shaw



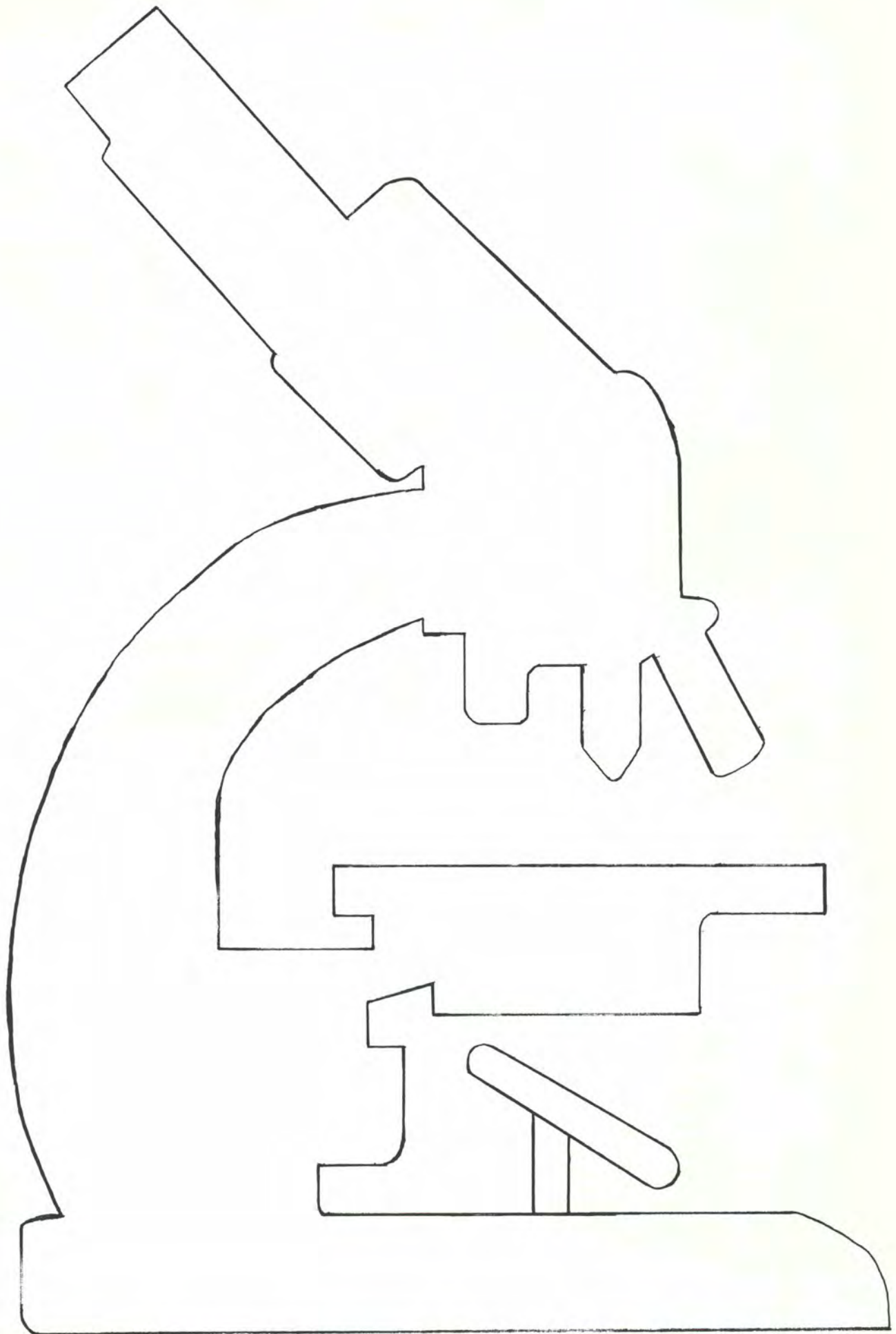
M. Shaw  
D. Smith  
B. Spurston















M.J. Blair  
Department Head

The graduating class of 1969 in Medical Laboratory Technology is the first class in which most of the students have completed two years at B.C.I.T. Formerly, the first year was taken as Senior Matriculation or first year university.

This class will be the first to receive a Diploma of Technology before they enter the hospital for the third and final year of training.

The field of Medical Laboratory Technology has become such a large one that it is difficult to keep up with the demand.

Today, the opportunities existing for Medical Technologists lie in research, and industry as well as the modern hospital laboratory.

Since in Medical Technology there are five entirely separate subject areas, Bacteriology, Clinical Chemistry, Histology, Haematology and Blood Banking there is a tendency to specialize after the year of hospital training.

Automation, instead of decreasing the need for technologists, has only changed the educational requirements. The sophisticated instruments used today require a thorough knowledge of application. As a result, many hospitals have employed laboratory aides to do the more routine work, and to collect the blood samples, thus freeing the time for the highly trained medical technologist.

In the "Health Team" the role of the Medical Technologist is that of aiding in the diagnosis of disease and in the control of the patient.

To the 1969 class all the instructors wish the best possible in whatever their endeavours.









# Graduates



J. Adams  
E. Anderson  
V. Andrews  
F. Arondus  
L. Barnetson



R. Barteluk  
M. Beaudoin  
M. Berlich  
L. Birkelund  
P. Bishop



K. Black  
S. Bone  
M. Bradford  
M. Brammer  
M. Buhler



F. Calcraft  
G. Carlson  
A. Chatfield  
S. Clarke  
D. Cliffe



L. Crossley  
S. Cruikshank  
S. M. DeHaan  
J. Doering  
N. Dorn



B. Eccles  
H. Evans  
B. Farmer  
M. Fisher  
B. Fitch



A. Gordon  
B. Gustafson  
M. Hardy  
N. Harringan  
H. Hart



# Graduates

L. Hodgkin  
W. Hohn  
H. Innes  
M. Inouye  
W. Johnson



E. Karras  
J. Latremouille  
J. MacLean  
W. Mann  
P. McAlpine



S. McIntosh  
P. Meir  
S. Millar  
J. Murakami  
P. Murray



R. Niemeyer  
H. Outrim  
G. Patenaude  
J. Pernitsky  
D. Perry



P. Phillip  
E. Pringle  
S. Pruner  
L. Rella  
L. Ronanin



G. Sealy  
D. Skea  
J. Sommers  
G. Spicer  
S. Steg



J. Stevens  
J. Symons  
W. Tamura  
J. Thomas  
K. Tuplin





## Graduates



C. Van Der Ende  
N. Van Gool  
B. Waddington  
S. Walsh  
J. Webb



M. Whale  
G. Wilkin  
M. Williams  
L. Willms  
P. Wilson



D. Wood





# Undergrads



82 D-1



82 E-1



82 F-1





82 G-1



82 H-1



82 J-1





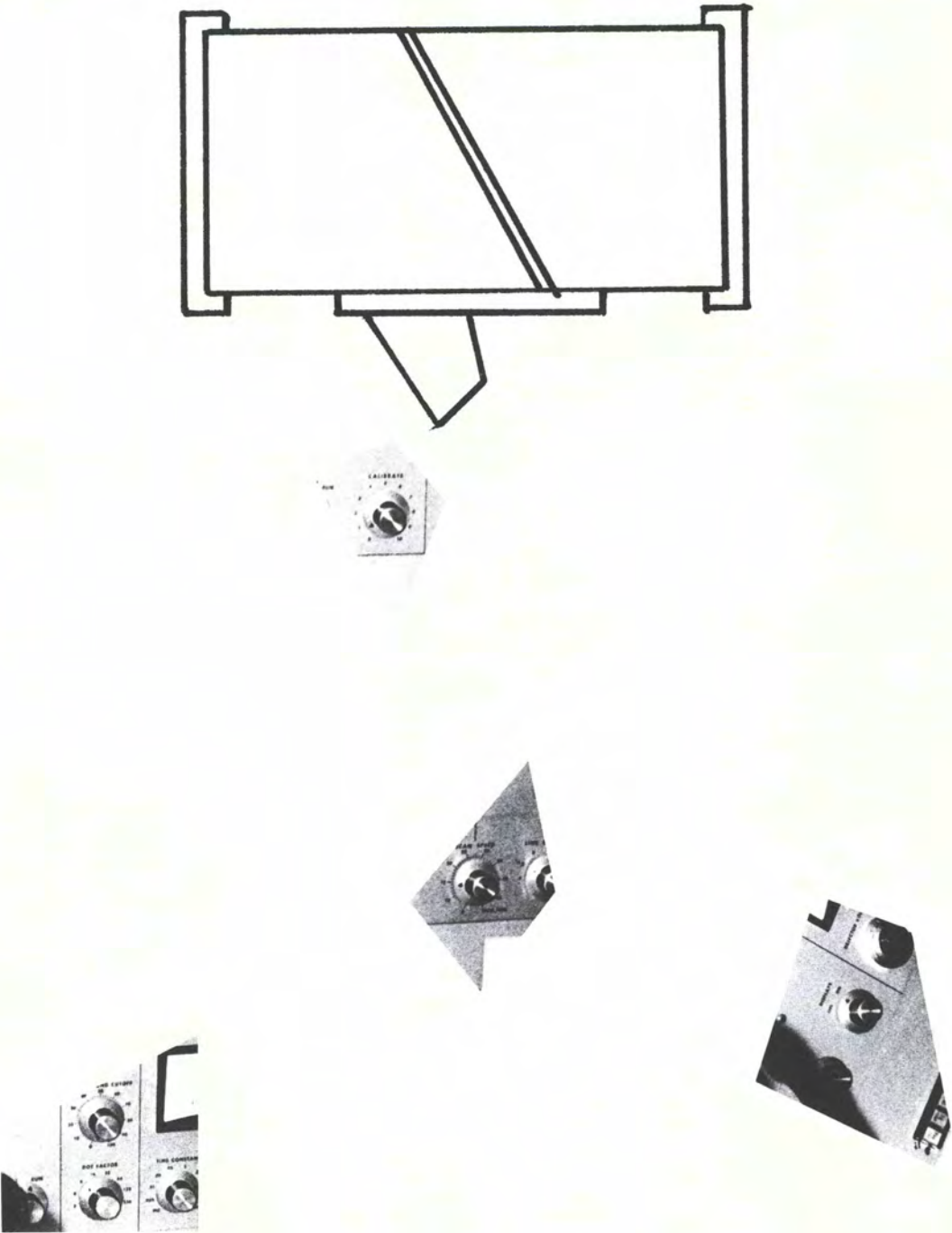
82 K-1















W.E. Noel  
Department Head

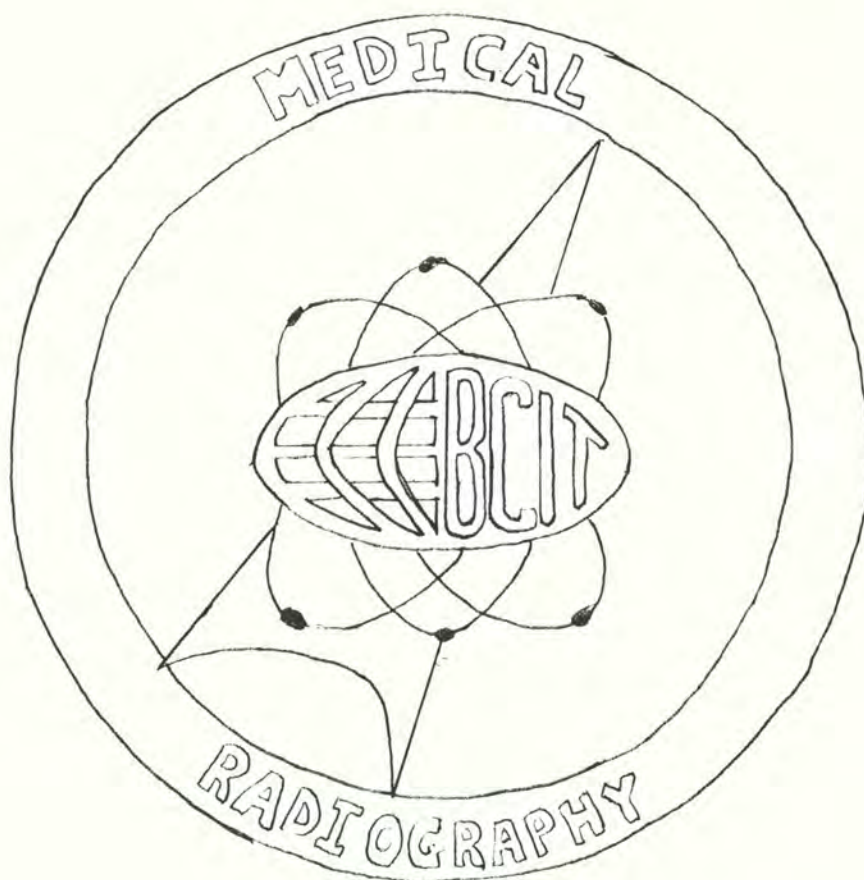
1969's classes in Medical Radiography and Medical Isotopes are the graduates of a totally unprecedented system of training technicians for these two fields. The success of this form of teaching will be reflected by their progress in the calling they have chosen.

Equipment is now in use which is more efficient, more automatic, more specialized and yet applicable to a wider range of diagnostic procedures. It will continue however, to lack any creative qualities or patient awareness.

Only the precise, orderly, knowledge and skill which the graduate will bring to the situations occurring in the hospital and the clinic will permit utilization of the full potential of such apparatus.

The sophistication of examinations and equipment is, more than ever before, demanding a broad and deep background knowledge in these technologies. Today less than this is inadequate. The new system of training attempts to fill this need.

The technical changes of the past five years have been phenomenal as will be those of the next five years. The need therefore is not only to train to meet the existing demands of these technologies but to prepare the technologist to accept and master the advances that are inevitable tomorrow.





# Graduates

P. Bonshor  
L. Bourget  
C. Cavers  
J. Davidson  
C. Dawson-Lowe



K. Dziedzuich  
G. Ferguson  
D. Gardiner  
D. Goodman  
S. Gordon



L. Konishi  
S. Langfield  
R. Mabett  
J. Marcoux  
L. Maximenko



S. McRae  
L. Nakatani  
S. Newman  
S. Nicholson  
D. Purdie



M. Rabbitt  
J. Rubben  
J. Sadler  
G. Sibilleau



D. Sorge  
S. Thornton  
E. Tubman  
M. Verhoff  
P. Vickers



M. Watson  
M. Werbowski  
P. Wilson  
J. Winton  
N. Yeager









# Undergrads







## it starts here ...and never ends

Education is a lifelong thing in a world subject to change without notice.

Many of tomorrow's careers haven't happened yet and few of today's remain the same.

Nowhere is change more a part of the challenge than in the telephone industry.

Only yesterday (in terms of man's history) was the telephone invented. Today, we have microwave radio repeater stations—you know them as communications satellites—parked 22,300 miles out in space and we use them for intercontinental telephone conversations, television programs and data flow.

Tomorrow, we'll harness the Laser, that concentrated beam of light with such fantastic potential for communication.

Such exciting happenings make education and the ability to continue to learn essential tools for the individual.

B.C. Telephone people are learning constantly because they're involved with, and challenged by, this rapidly-changing scene. They're helping to make change happen.

When you're ready for a career with challenge, talk to us. We're eager to discuss with you the many careers our company has, and will have, to offer.

**B.C. TEL**   
BRITISH COLUMBIA TELEPHONE COMPANY









B.B. Kozier  
Department Head

*I wish to extend my personal congratulations as well as those of the nursing staff to each of you. You are about to go forth at this time into an exciting, yet challenging field of endeavour. We hope that in addition to the nursing skills which you take with you, the art of understanding will accompany you and give meaning to your choice of commitment. Developing the art of understanding is one of society's greatest needs as well as one of its greatest challenges. Eric Erikson in his most recent book, "Insight and Responsibility" quotes St. Francis referring to a similar theme:*

*"Grant that I may not so much seek to be consoled as to console; to be understood as to understand; to be loved as to love; for it is in giving that we receive."*





# Graduates

L. Appleyard  
J. Behnsen  
B. Berrington  
C. Bolton  
D. Bradshaw



D. Carpenter  
B. Coe  
S. Collicutt  
G. Cook  
E. Covey



M. Cruikshank  
J. Dunham  
D. Frank  
M. Funk  
C. Garland



K. George  
S. Goodrow  
W. Gordon  
I. Graham  
P. Hall



W. Hansen  
C. Hoggard  
J. Jackson  
B. Kielo  
M. Kika



B. Kruse  
B. Lysuik  
D. Mayoh  
M. McClary  
H. McKay



J. Miller  
W. Neil  
M. O'Neil  
E. Risling  
E. Roane





# Graduates



G. Rushfeldt  
G. Schimke  
R. Schuster  
J. Steeves  
M. Townsend



A. Uphill  
R. Uyeyama  
C. Waymark  
K. White  
L. Williams



S. Wimmer  
D. Wood





## Undergrads



82 Q-1



82 R-1



82 S-1





82 T-1



82 U-1



82 V-1









L.E. Penner  
Department Head

*As the first year graduates of the two year training programme for Public Health Inspectors, I wish you the best in the future. May the knowledge you have acquired at the British Columbia Institute of Technology form the basis and the beginning of your education and careers so that in some small way, your efforts in the field of Public Health will contribute to the improvement of the health and environmental conditions in which your fellow man lives.*



L. Boguski  
J. E. Brookes  
J. W. Davidson  
B. C. Lawley  
W. E. Rogers



R. S. Swakum  
D. R. Urquhart  
Y. E. Wong



# Burnaby

CHAMBER OF COMMERCE

The Burnaby Chamber of Commerce welcomes the B.C. Institute of Technology graduates of 1968 to the business world and wishes them every success for the future.

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dential treatment and an accurate as-  
sessment of the marketability of their  
skills.

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teed service that efficiently provides  
maximum recruiting effort at minimum  
cost.

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**Personnel**

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# Hotel, Motel, & Restaurant







M.M. Coltman  
Department Head

Progress thrives on new ideas, on innovation and on the courage to initiate change. In the past change has been slow in coming in the "hospitality" industry — the traditional way of doing things seemed to be good enough. But today's more affluent patrons of hotels, motels, restaurants and related businesses are demanding more than the ordinary and they are prepared to pay the price for improvements.

An international magazine recently suggested that in the next decade we may see such innovations as airflow walls; outdoor heating and air-conditioning; underwater hotels with vistas of subterranean seascapes; use of synthetic aromas to promote specialties of the day in restaurants; airfoil chairs which one can sit in but cannot see; luminescent walls; automatic changing of disposable bed sheets from rolls stored in the headboard; and other imaginative ideas.

The individual in this rapidly changing era may well ask himself if such technological improvements in a service industry, though desirable from an economic point of view will be welcomed by the guest.

The technical experts have the ideas. The real challenge will be up to the future managers: to decide whether or not implementation is the right thing for customer satisfaction.





# Graduates

J. C. Allen  
M. Atherton  
E. Bauer  
T. C. Benmore  
G. Blackwood



A. Bobroff  
L. W. Brims  
P. M. Butler  
E. J. Carfrae  
B. A. Charkow



A. L. Crocker  
W. R. Duder  
B. E. Dunbrack  
R. Featherstone  
E. W. Gardiner



M. Gilhuly  
C. Haluss  
A. B. Hanna  
S. C. Harper  
B. D. Horn



B. W. Lund  
R. Mathews



S. McKellar  
F. Oldfield  
T. Panchuk  
W. R. Payne  
J. N. Phelps



T. H. Quong  
R. Russell  
W. Sanderson  
A. D. Sim  
P. D. Sullivan







*Sometimes in this lonely life  
I feel that some do solely strife  
To seize everyone in their own domain  
Instead of living and attacking pain.*

*People must realize the cost of war  
Is more than humanity can endure  
Without becoming a savage beast.  
For east is west; and west is east.*

*Tolerance of all, the fellow man  
Could distabish eternal pain  
And provide for you all you could want  
And everybody. No conscience to haunt.*

*John Allan*









*Pure pleasure:  
the Castile Dining Room*



Fine dining, with a menu of steak, lobster, perhaps Chicken Maryland. With a pleasant Spanish atmosphere: rich red carpet, dark oak, graceful wrought iron. And entertainment; music soft and subtle, to add to your evening enjoyed. The Castile dining room is pure pleasure. 433-9311 for reservations.

Nat'l. Bd. of Inv.  
**Villa**  
motor inn

## CONGRATULATIONS

Graduates **1969**

**Sensible  
borrowers  
talk to the  
Royal Bank;  
and they  
end up  
saving.**

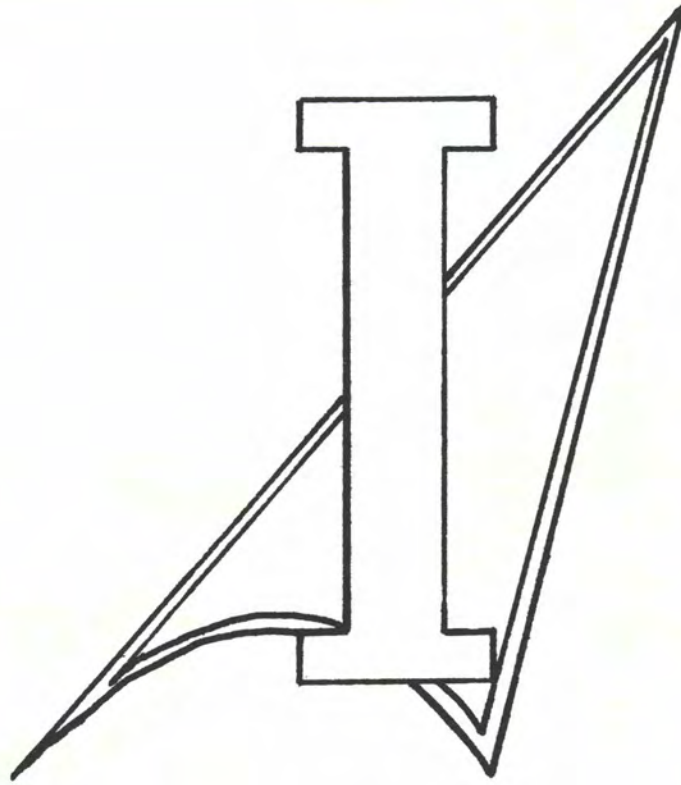
We make a Termplan Loan easy to get, for any worthwhile purpose. Check around before you borrow, and you'll see why it's easy to pay back, too. We even have ideas that get you saving at the same time that you're borrowing. Come in and ask about them.

We like to look after you.



**ROYAL BANK**









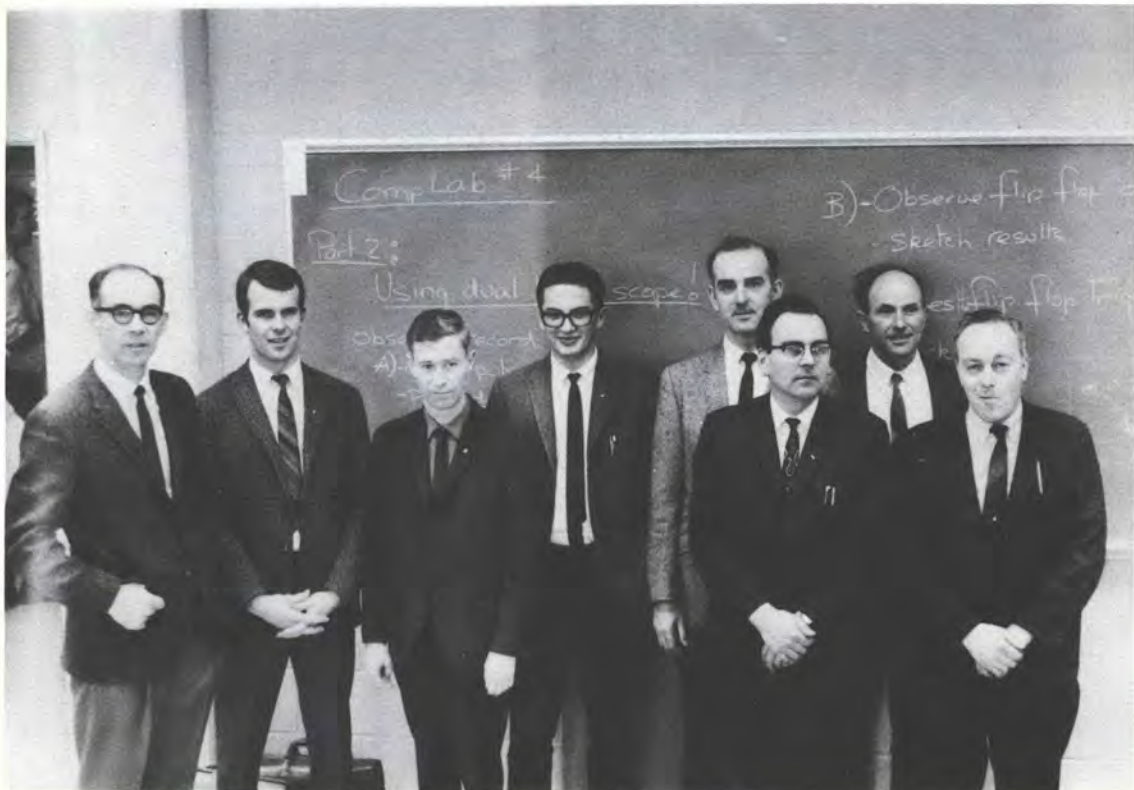
J.O. Hulbert  
Department Head

B.C.I.T. recently installed a new copying machine to overcome the reproduction bottleneck. The new copier prints ten times faster than the old one and — you've guessed it — line up for the machine is about ten times longer. A solution to the new question of machine access came in the form of chairs for people to sit on while waiting. And so the problem rests, a fine example of Parkinson's Law. On a visit to Ottawa a couple of years ago, Professor Parkinson was shown a new computer installation for automatic handling of routine paperwork. The renowned efficiency expert was asked for the few sage tips which could hone the new system to a state of perfection. Again you've probably guessed the reply, which was "get rid of the computer".

Let me say with feeling that I would not like to see our new copier removed. And I'm sure that Parkinson was talking somewhat tongue-in-cheek just to make his point.

So what is he really saying? Surely it is that prolific quantity is not the only measure of efficiency. Of paramount importance is the quality of information passing through the machine. In fact information quality can be graded from super-priority all the way down to positively redundant. Someone has to make a decision in each case — and now we are talking about people and not machines.

Instrumentation technologists are becoming increasingly involved with equipment which has a vast appetite for data and hence an equally vast capacity for regurgitation. After all what goes in must come out sooner or later. Today's instrumentation man is not only concerned with allocating priority to information — he must be constantly alert for information which is just going along for the ride. It may seem a cheap ride because of abundant capacity — but it can be very expensive in the overall picture.





# Graduates

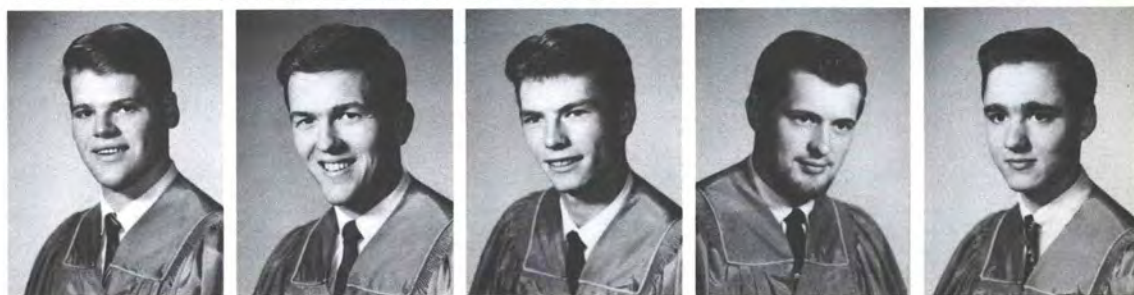
H. L. Atkins  
F. Barton  
F. M. Berry  
A. Bishop  
J. Chan



G. W. Chase  
G. Chow  
D. R. Code  
A. R. Cooper  
M. A. Cross



P. J. Haigh  
W. H. Hansen  
M. L. Holland  
C. Howe  
G. W. Kinch



M. Lucking



G. McFarlin  
N. M. McLagan  
P. McLennan  
C. Minaker  
R. A. Moorcroft



D. R. Peel  
J. Perrella  
K. W. Rogers  
G. E. Thorpe  
A. E. Tornqvist



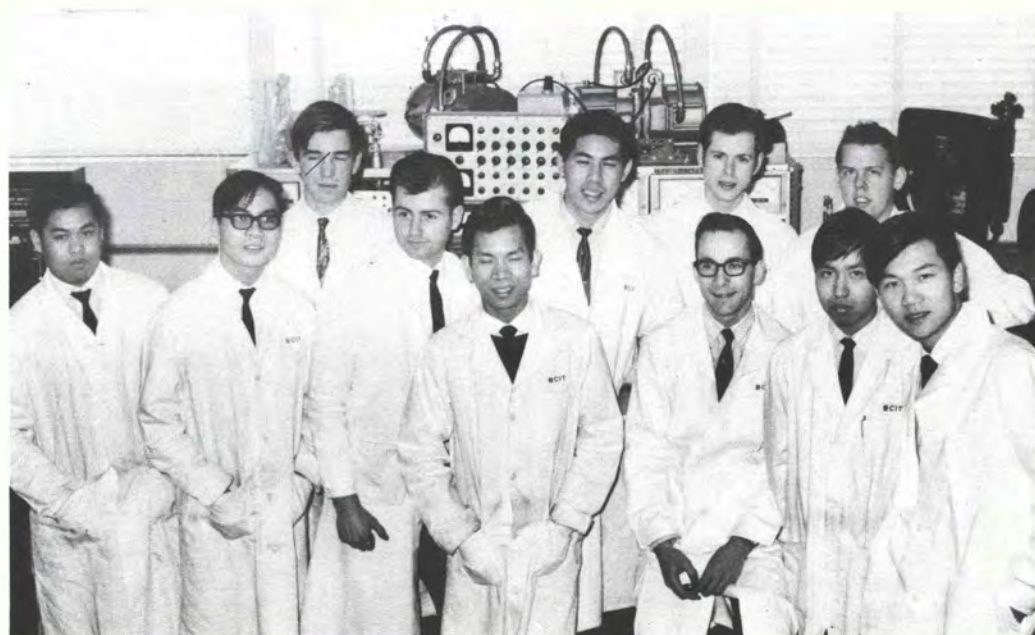




48 A-1

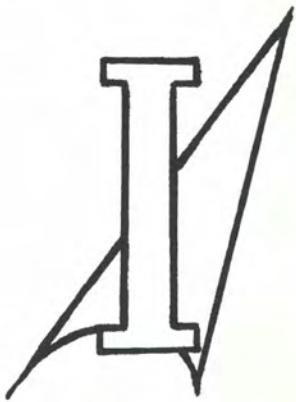
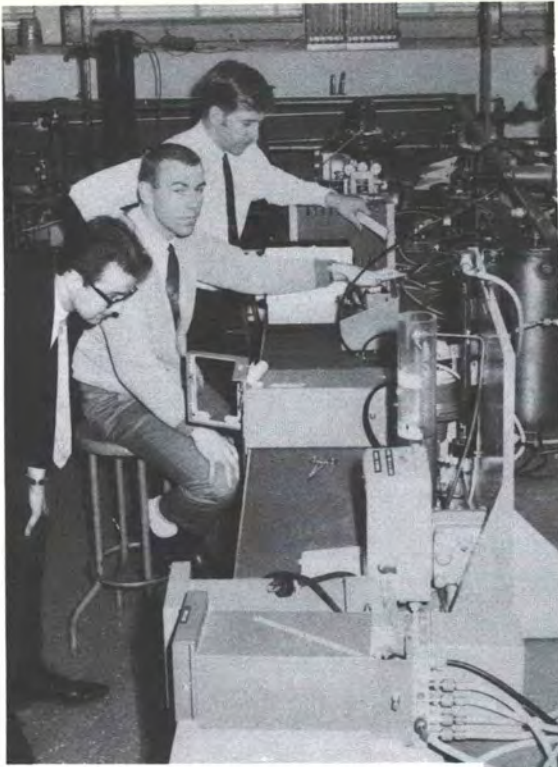


48 B-1



48 C-1









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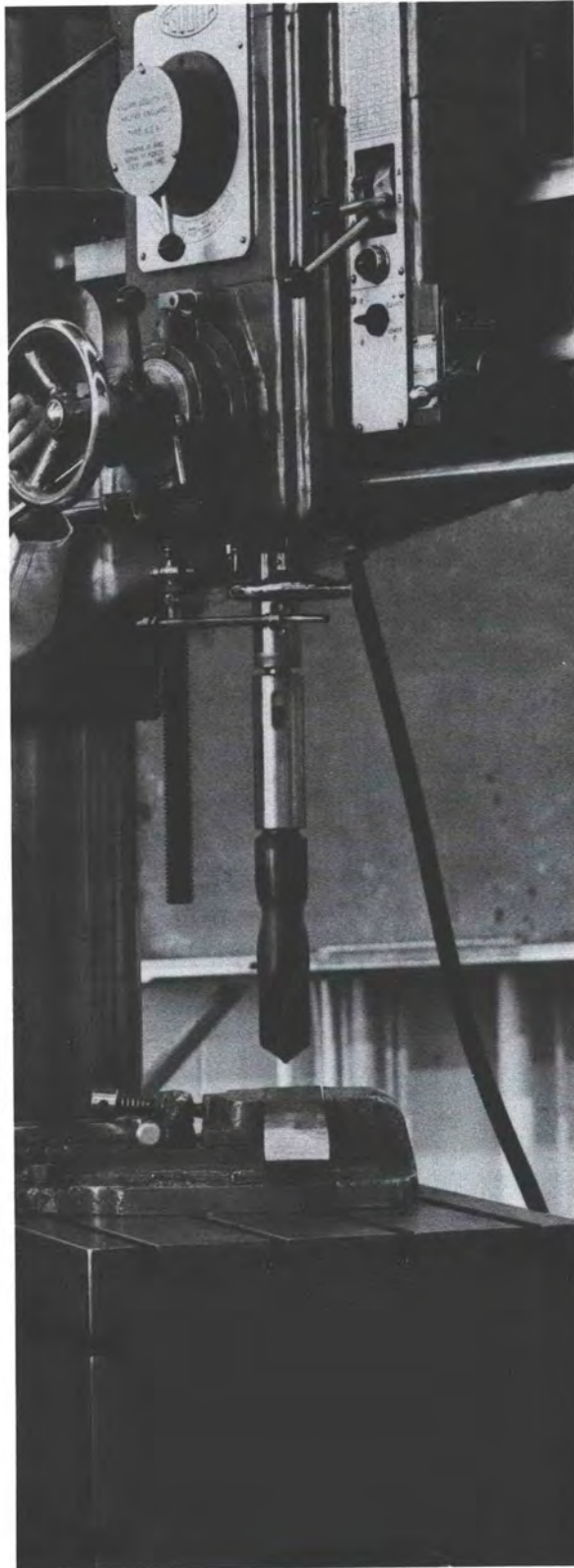
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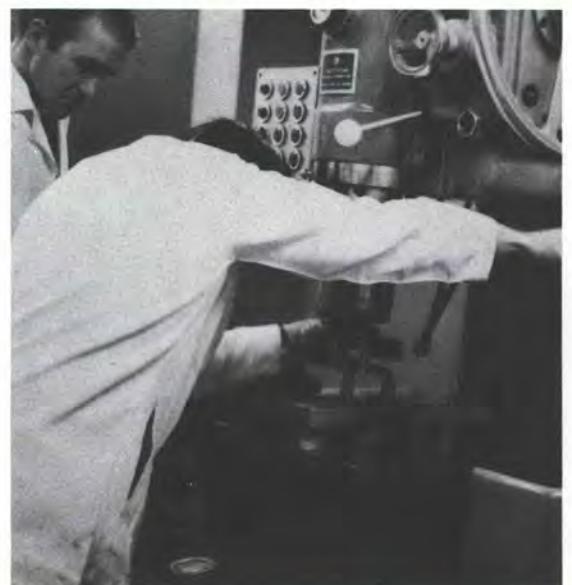


D.K. Bannerman  
Department Head

Continually we are urged to look around us at the marvelous technical developments taking place and to recognize the problems of the technologically-oriented civilization we live in. Two areas of particular significance for Canada and Canadians, and for technologists-in-training at B.C.I.T., are automation and industrial productivity.

Automation, with its great promise of benefits to consumers, also poses problems to be met by workers, managers, and technical specialists. The extent of probable application of automation in the Canadian, and particularly Western Canadian, economy, is debatable, but we cannot ignore its implications while our competitor nations like the United States, Britain, Japan and Germany adopt automated production and improve their productivity and competitive cost advantage. Some substantial measure of automation surely has a place in our economy and it is a challenge to technologists to help determine in what processes automation, and to help integrate it into the overall production operation for higher productivity.

Both automation and the whole field of industrial productivity improvement are challenging areas for technologists of many types. Indeed, the complexities are so diverse, as ideally to require a team approach of many specialists. It seems likely that these complexities may soon even demand inter-disciplinary training of many technologists in two technology fields rather than just one. Alternatively, post-diploma studies in a formal program may become highly useful.



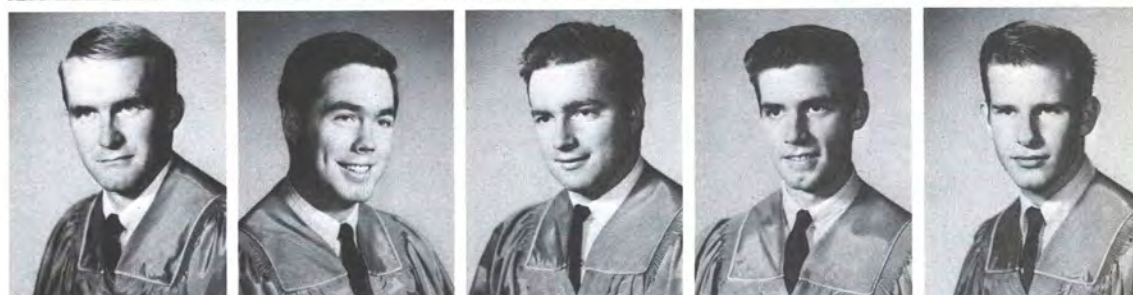


# Graduates

G. Brackhaus  
L. Burshtynski  
I. Dyck  
W. Enns  
W. Flett



A. Genberg  
J. Gornall  
M. Green  
M. Grigg  
A. Hall



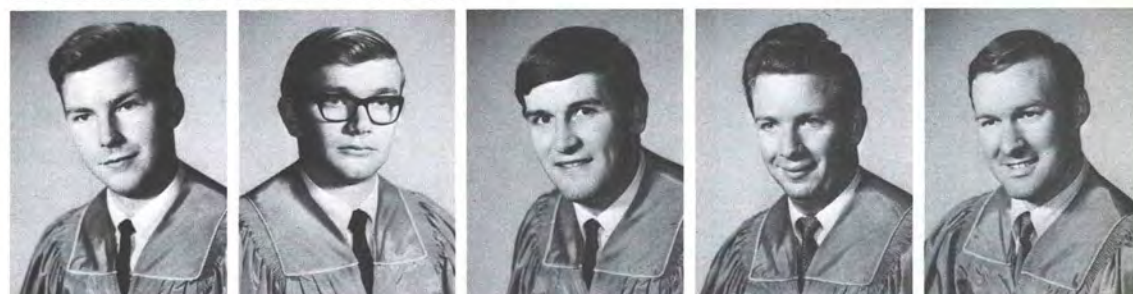
N. Harcourt  
K. Hutton  
K. Kent  
E. Loewen  
W. Lowery



K. Lucas  
H. McKay



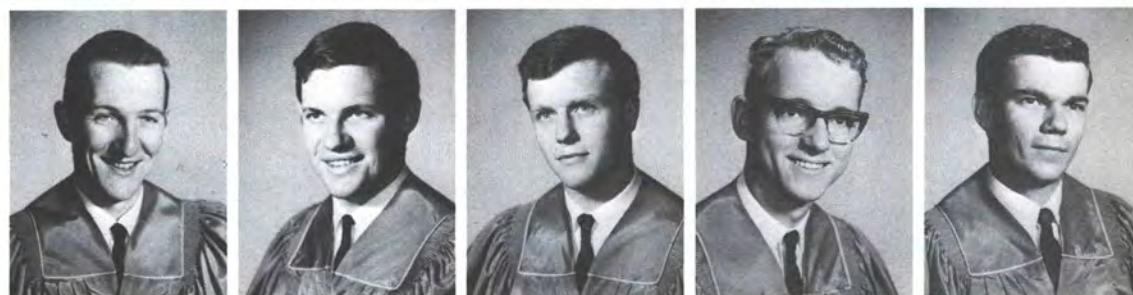
W. MacKillican  
I. Marotto  
D. Marshall  
D. McLaren  
P. Meister



R. Nelson  
D. Oades  
T. Oya  
T. Papp  
P. Parker



T. Parker  
H. Peters  
J. Sampson  
W. Scherrelies  
D. Shick





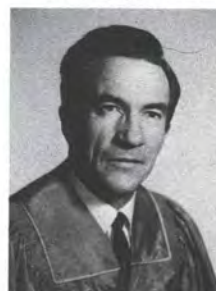
# Graduates



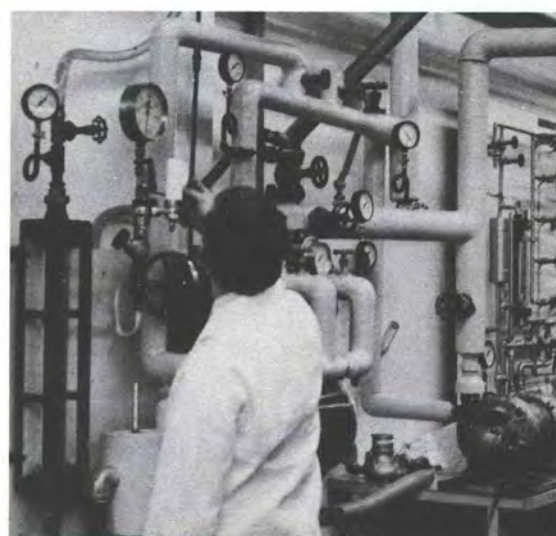
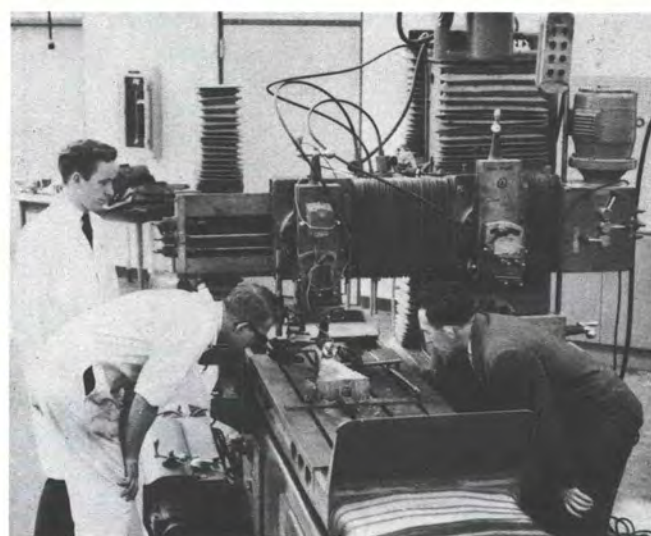
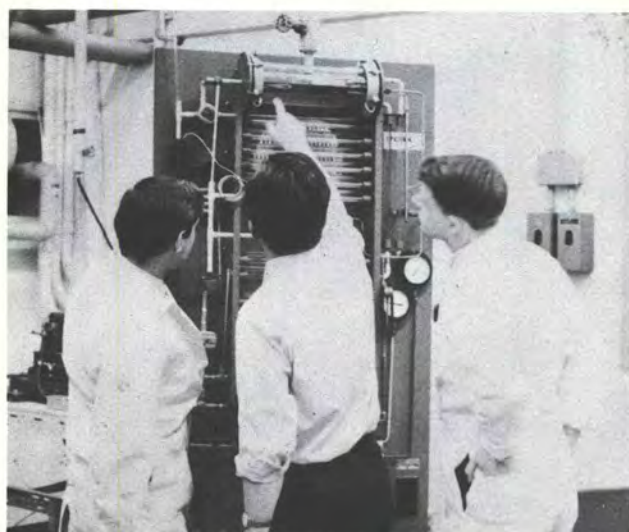
M. Schulz  
J. Shaneman  
J. Shaw  
E. Smith  
F. Smith



R. Spooner  
R. Stewart  
J. Stuart  
D. Varner  
V. Weckerle

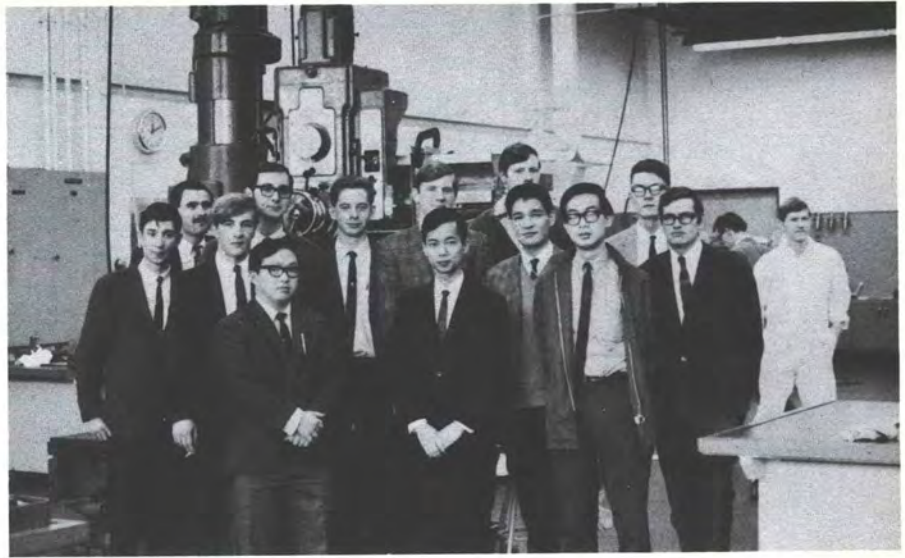


J. Wouterloot

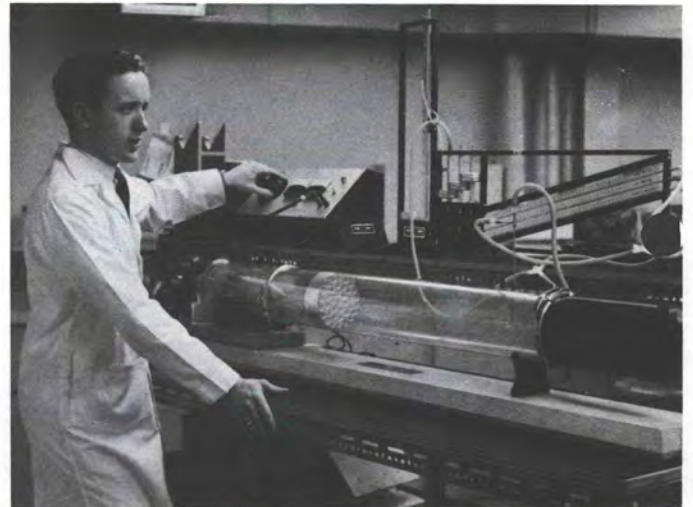
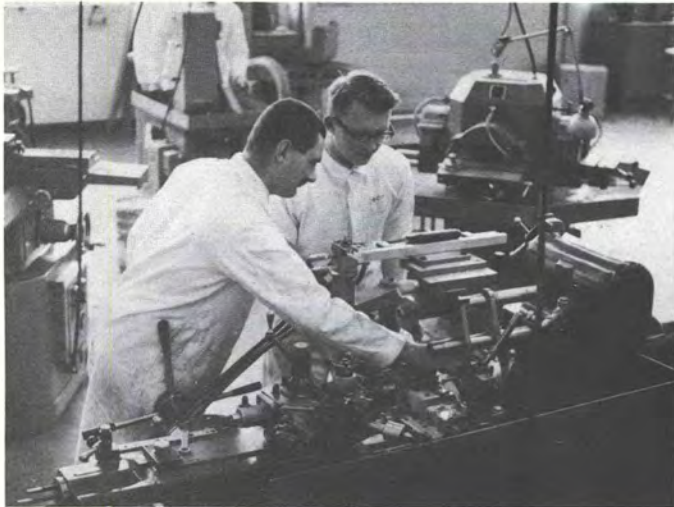
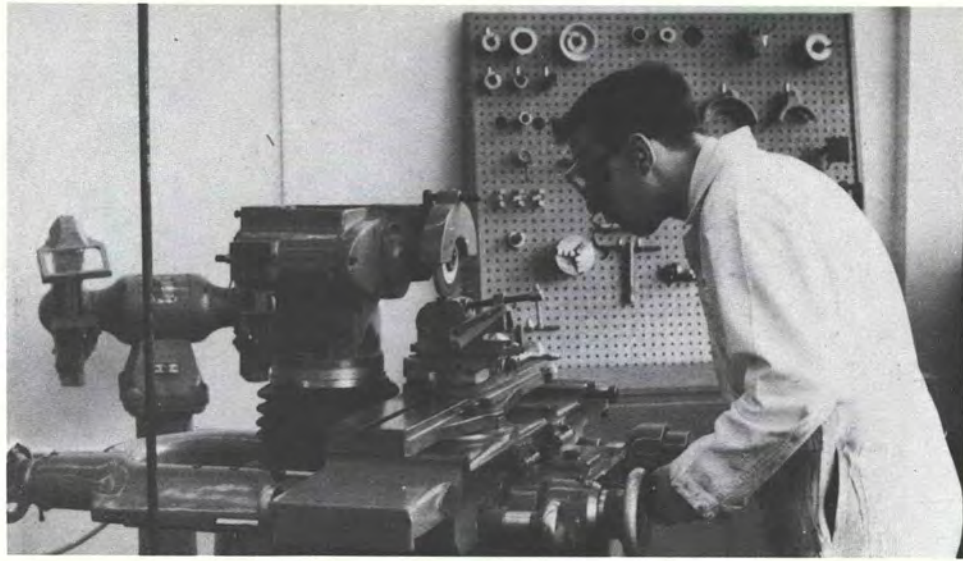




## Undergrads









## THERE'S ROOM TO GROW IN THE TAHSIS COMPANY

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## Congratulations to graduates in Mechanical Technology.

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Branches: Prince George, Williams Lake, Terrace.  
Sales Representatives: Nanaimo, North Kamloops, Nelson.





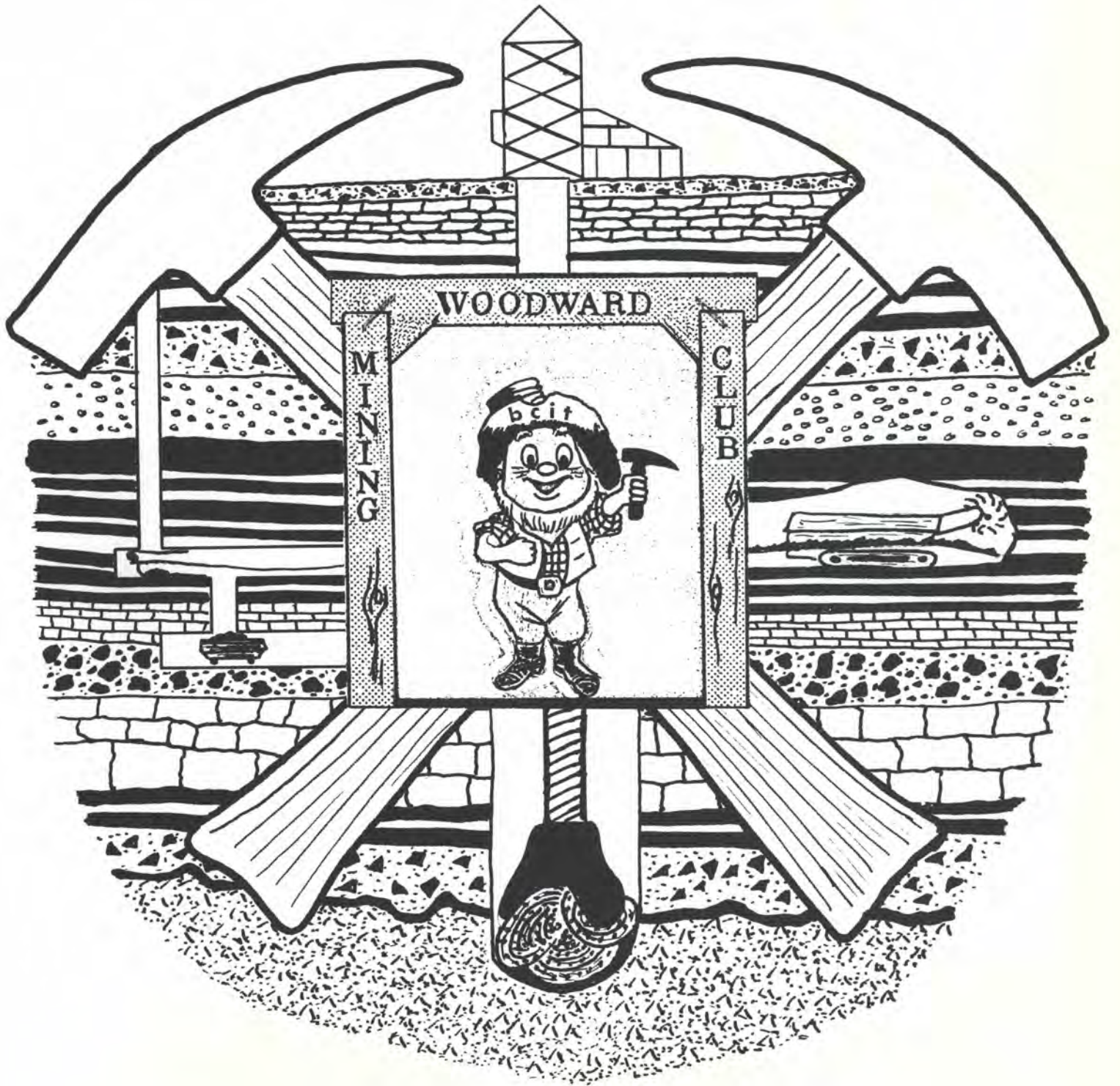
Congratulations, Graduates!  
Nice feeling having a diploma, isn't it?  
Now where do you go from here?  
The way we see it, British Columbia is  
a pretty great place to grow up. To go  
to school. To work. To live.  
B.C. is going places.  
And so is Scott.  
Maybe you'd like to come along.



SCOTT PAPER LIMITED











A.H. Manifold  
Department Head

It was not too many years ago that mining in British Columbia, while important, was conducted on a relatively small scale. In recent years the story has changed considerably until today mining is one of the most rapidly expanding industries of the province. Unfortunately, the numbers of young people entering the mining industry are not sufficient to meet the growing demand for technically-trained personnel.

Some of the reasons for this failure to attract people, I am sure, are a general unawareness of the variety of activities and opportunities in the different phases of mining and unfavorable publicity resulting from such things as mine disasters and more recently, the attention focused on the unnecessary results of some mining methods.

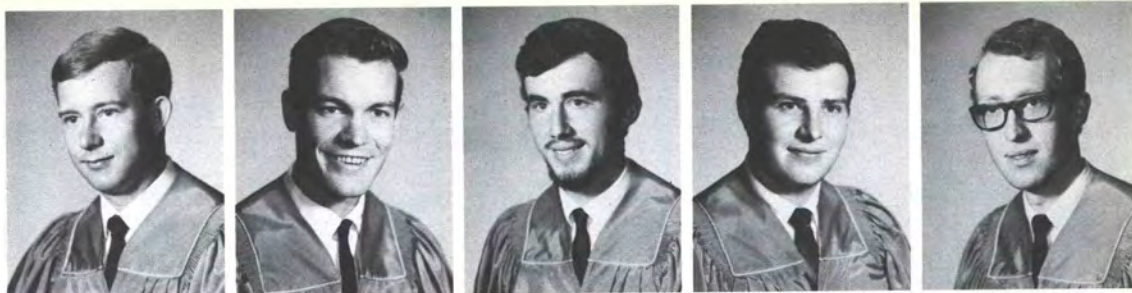
To help change this situation our mining graduates themselves should endeavour to increase the public's general knowledge of mining and also show that our mineral resources can be mined with due consideration and care.





# Graduates

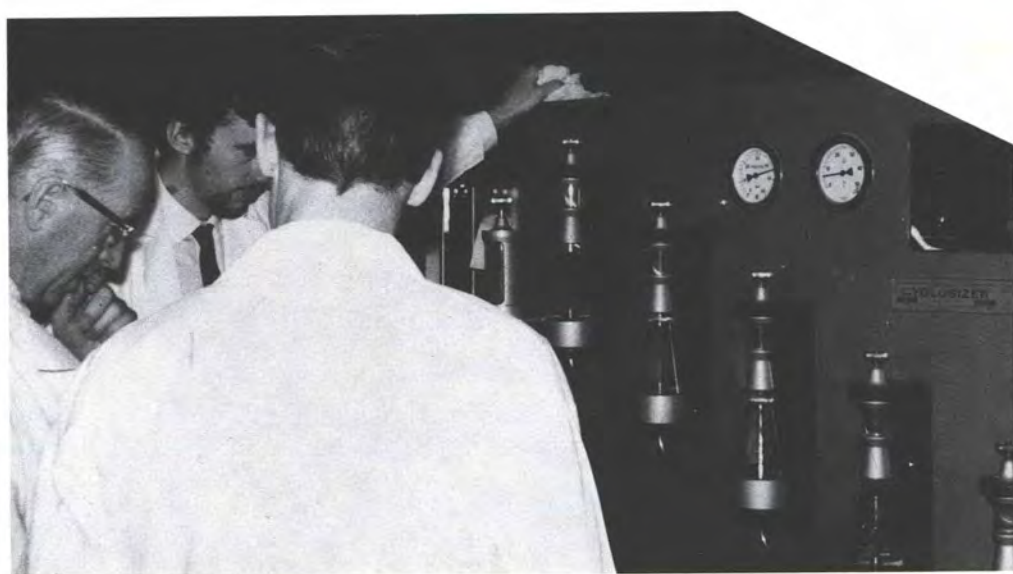
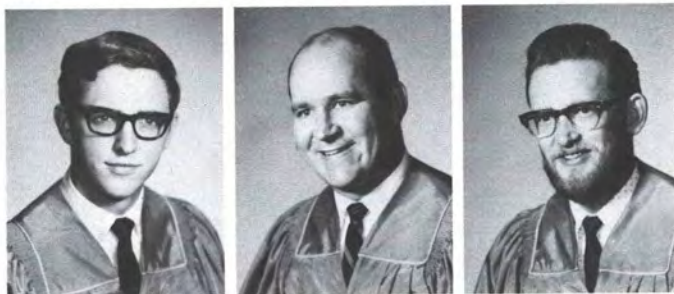
A. D. Birkeland  
W. T. Campbell  
J. W. Coldham  
D. R. Deering  
R. G. Gemmell



W. M. Hall  
D.J. Hamilton  
A. Homenuke  
C. Pitcher  
E. A. Shannon



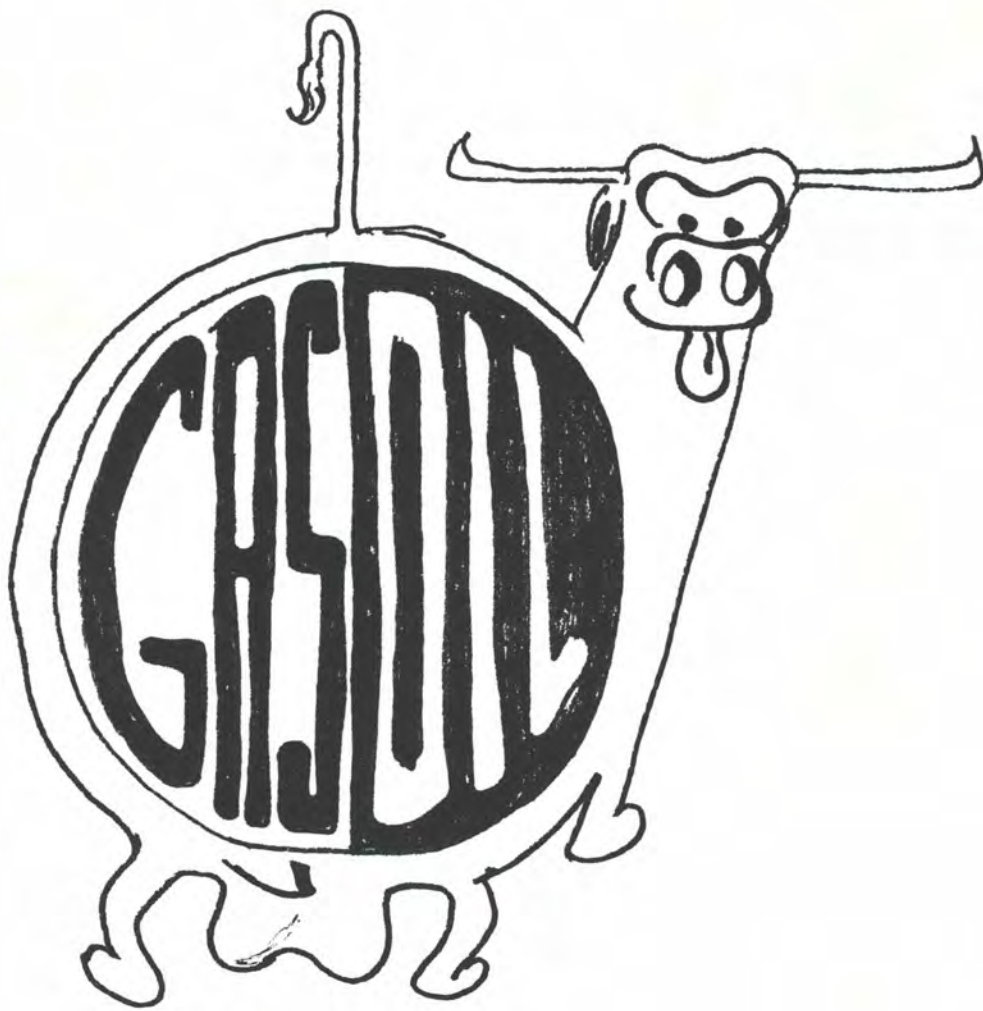
D. Shipclark  
M. Williams  
R. Yorke-Hardy















I.M. Anderson  
Department Head

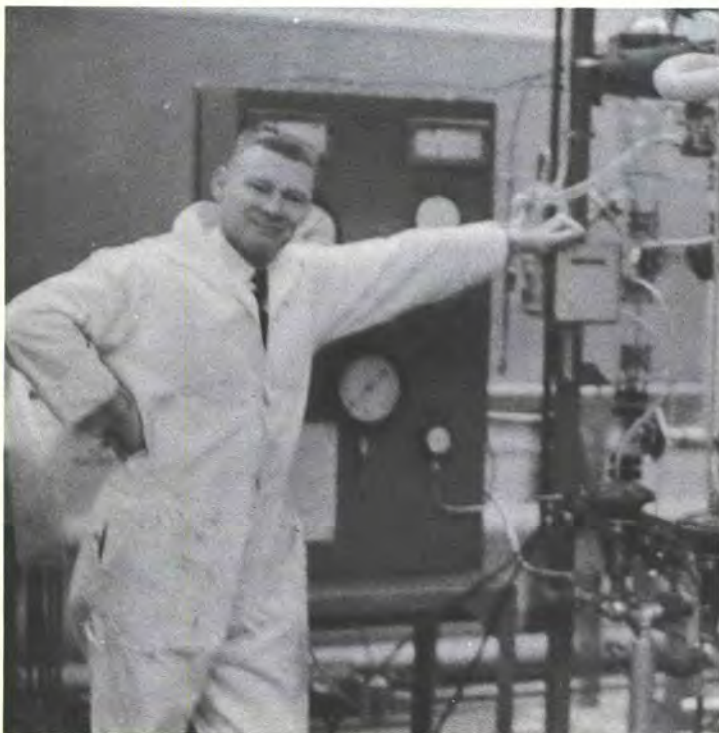
Each year as graduation approaches the request is made for this submission to your year book and each year it is more difficult to attempt to say something new.

I imagine that most graduates view the end of their two years with relief, having worked hard and long to reach this point. They look forward to the excitement of employment in their chosen field of speciality and to the end of pennypinching economy with the advent of a regular source of income. To us however, there is a sense of loss as each class graduates and departs. Despite promises to keep in touch inevitable other interests predominate and we are left wondering whatever happened to the people we knew so intimately for two years.

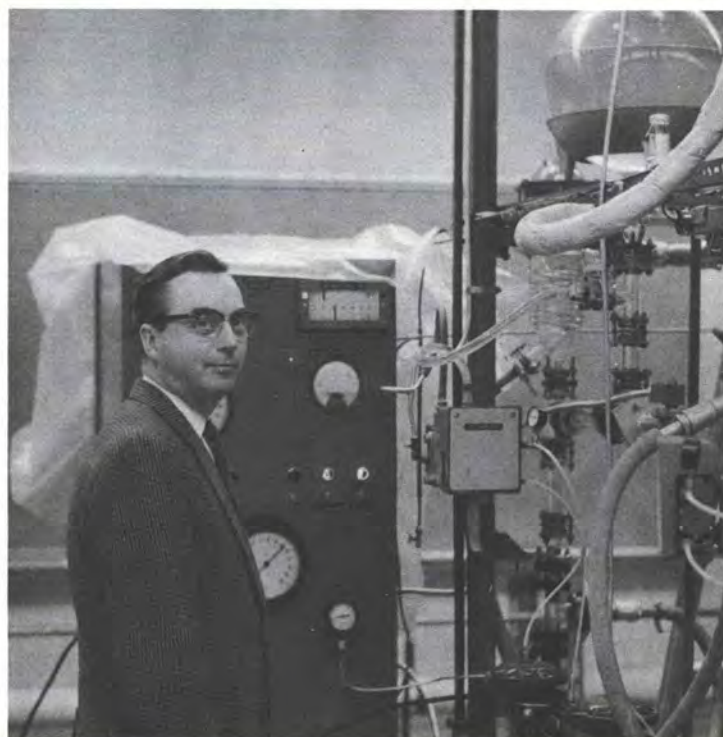
As we have taken every opportunity to give you not only the technical knowledge, but also to brainwash you with our concepts of responsibility and ethics, we cannot help but wonder how successful we have been.

This is probably the last chance to preach to you and hopefully a chance to be read when you look at this page with nostalgia, so I repeat what I have said to you in person.

You have graduated and possess a Diploma of Technology but it should not be the end of your education. It is really only the end of the beginning and you are now exposed to the new education of living and working with others. Just remember that you can continue to learn or not; it is up to you. Good luck.



H. DuVarney

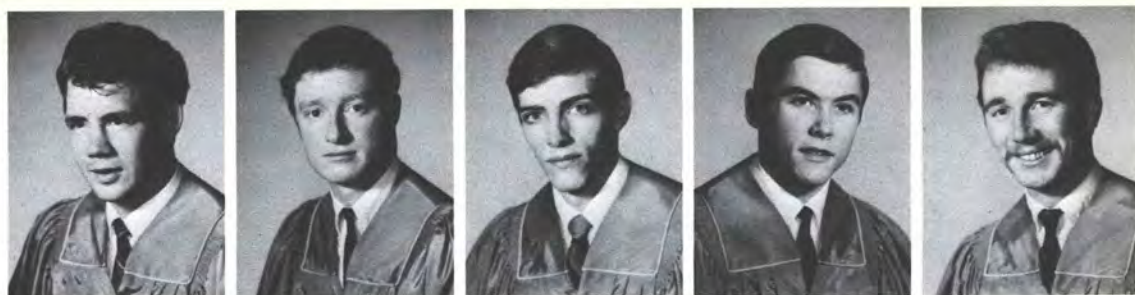


D. Campbell

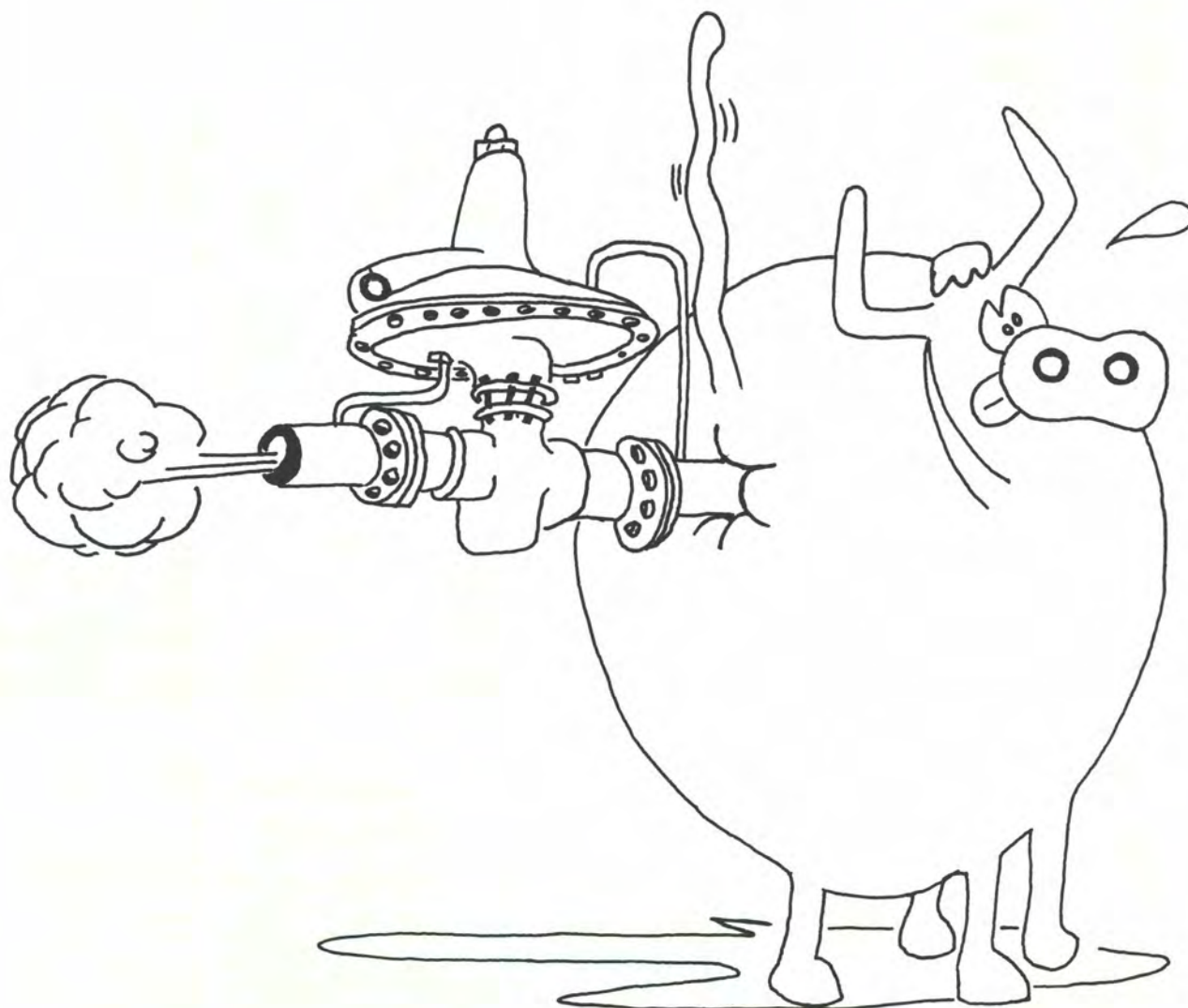


# Graduates

J. K. Buckoll  
C. A. Eurich  
D. B. Finn  
A. C. Mogensen  
V. B. Pauls



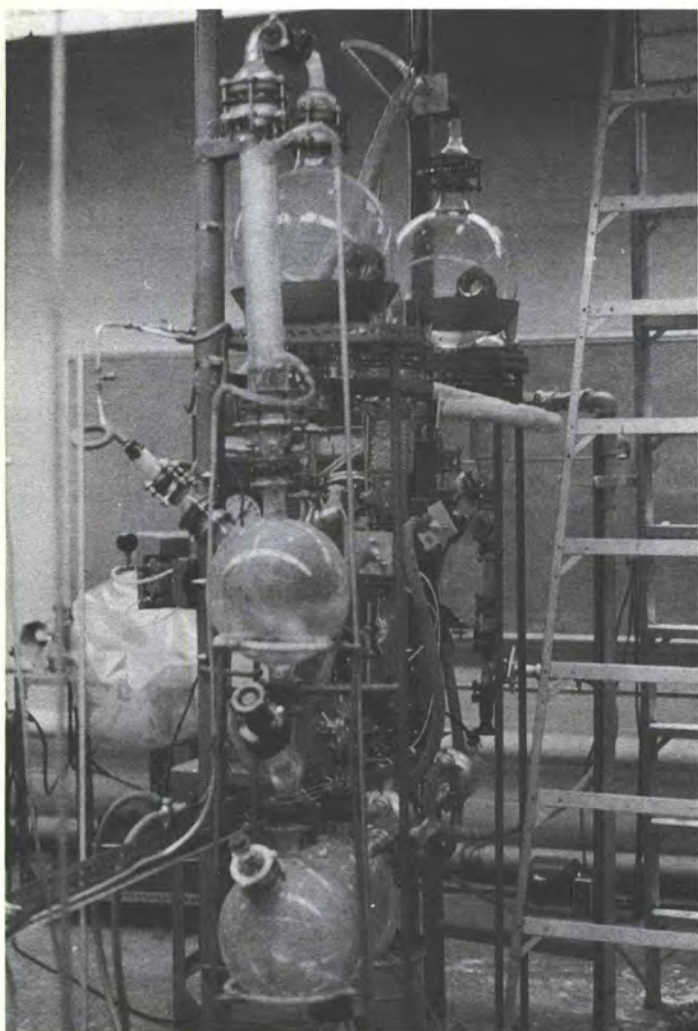
C. Saito  
R. G. Steele  
D. W. Stewart  
J. R. Trent



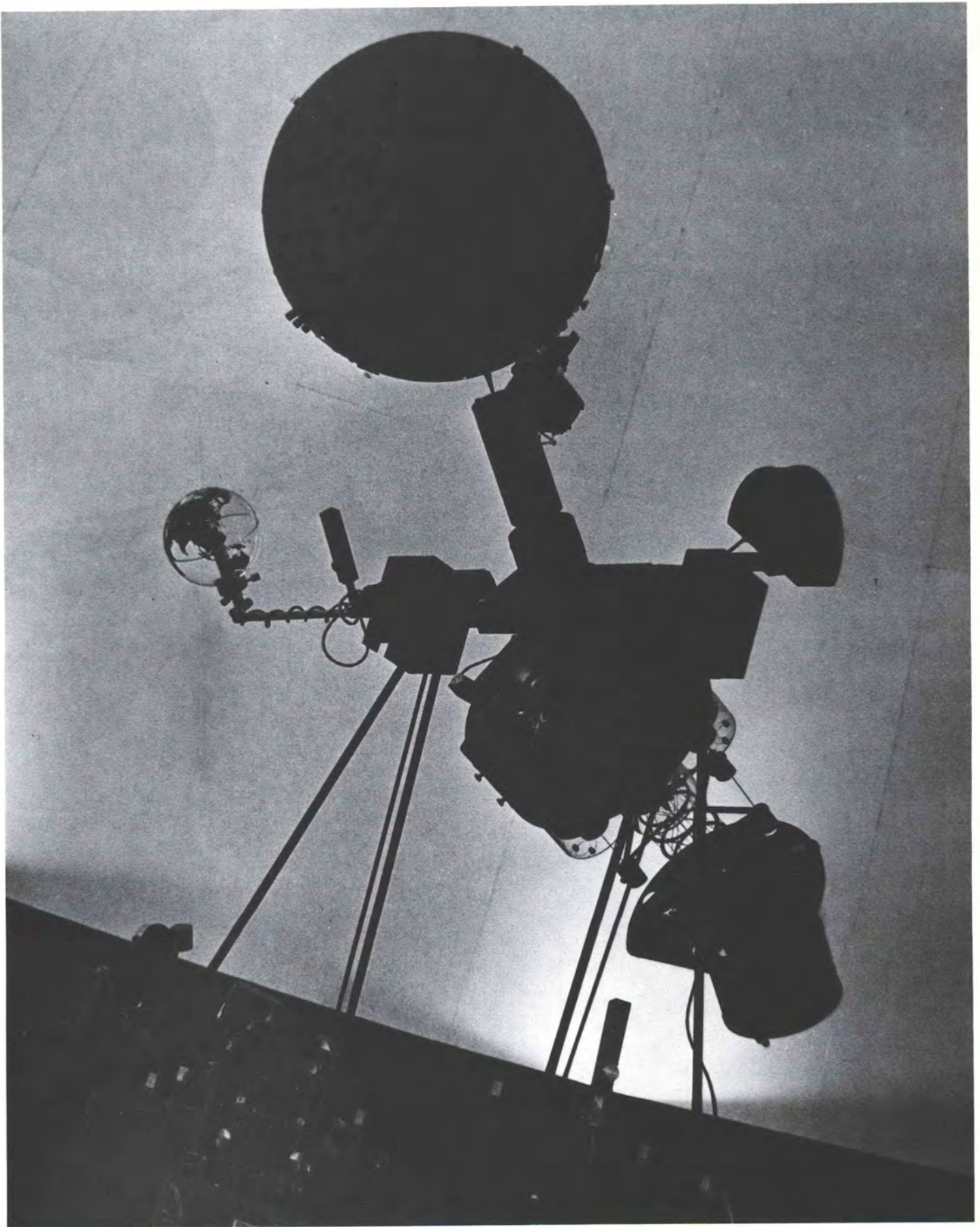




47 A-1











D.R. Mason  
Department Head

The Survey Technology has grown substantially since the opening of B.C.I.T. from an initial enrollment of thirty students to a present enrollment of sixty students. Along with the attendance increase, has come an expansion in the Survey programme itself which now includes a separate Photogrammetry Option. Material acquisitions include the teaching planetarium, and several of the most advanced instruments used in the Survey Industry.

The graduates of the Survey Technology have been well received in the surveying fraternity and in the Spring of 1969, some of our graduates became fully qualified British Columbia Land Surveyors. Others have elected to work in the many non-legal fields of survey such as Topographic Surveys, Hydrographic Surveys, Engineering and Mining Surveys, and Municipal Surveys. These graduates have also achieved high standards and have greatly enhanced the reputation of B.C.I.T.

The Survey Technology has been fortunate in attracting excellent instructors to join the teaching staff, the present ten members continue to justify their appointments and enable B.C.I.T. to supply the Survey Industry with young men who will be a credit to the Institute.



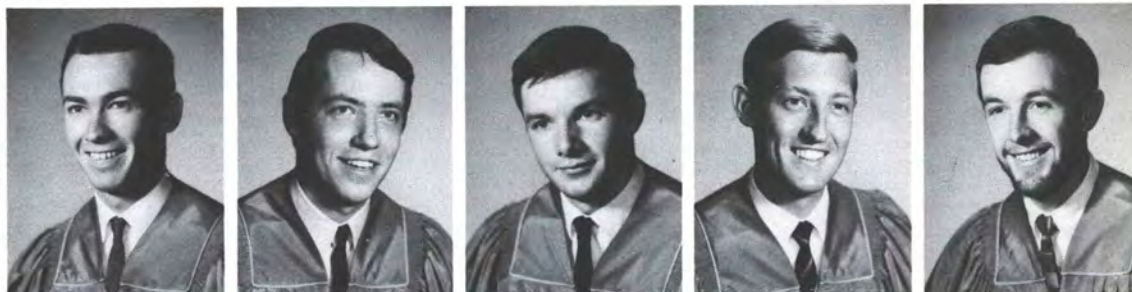


# Graduates

B. M. Allan  
J. E. Arthur  
D. Broadbent  
D. J. Bush  
C. R. Dawson



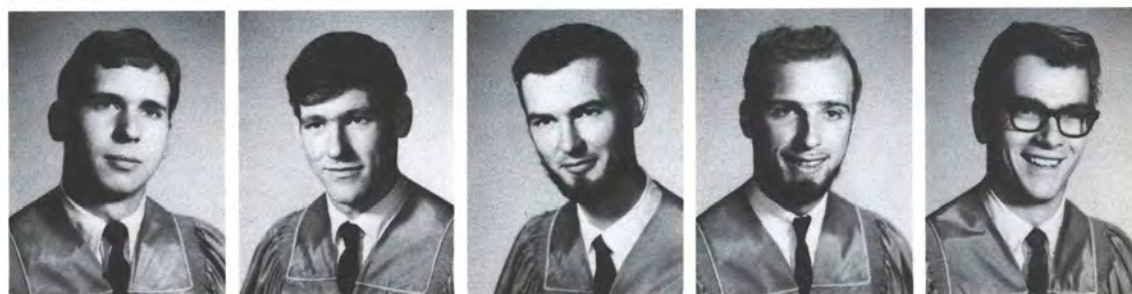
A. J. Deck  
R. C. Syke  
S. I. Grave  
J. Groenevelt  
K. W. Hillyard



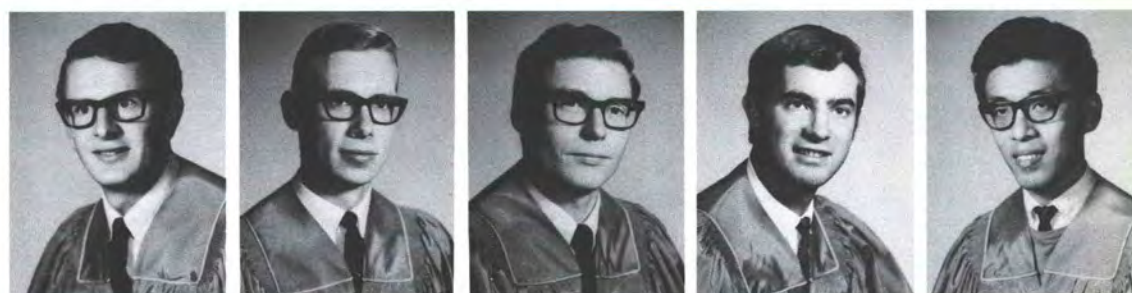
J. Hume  
W. Hutchinson  
R. H. Janzen  
D. Klassen  
A. P. Lai



J. R. Matches  
P. McCarron  
A. C. Noble  
N. R. Parry  
R. K. Preston



D. A. Redmon  
T. Schwanke  
J. D. Shortreid  
T. Stickler  
R. M. Sung



J. A. Vosburgh  
A. J. Watts  
A. K. Winter  
K. R. Wolgram  
D. M. Wood







51 A-1



51 B-1



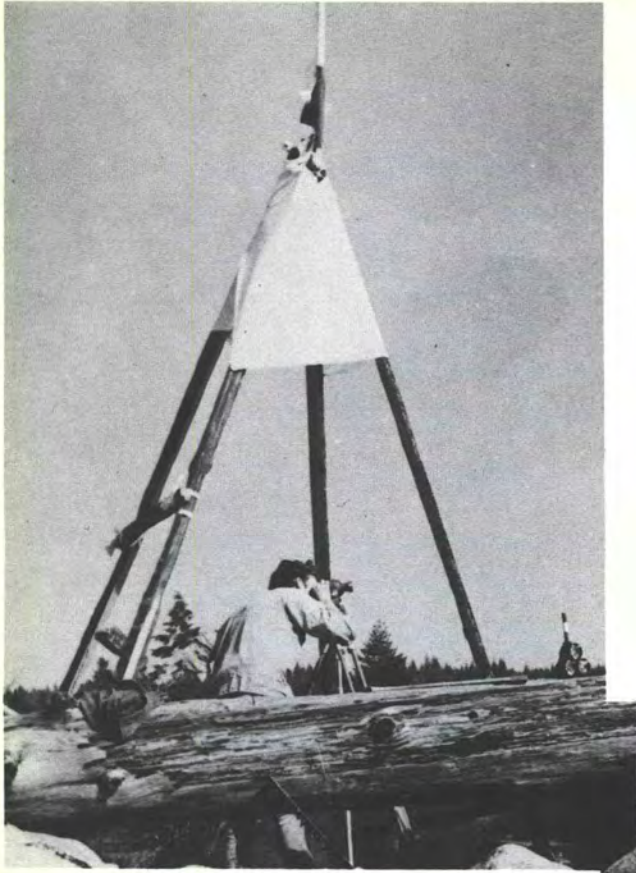
Undergrads



51 C-1









**Clubs**





The BCIT Sports Car Club continued to expand and enjoyed its most successful year to date. An energetic executive started planning the activities before school opened, which resulted in a car show to highlight the first week and a rallyette to the Mount Seymour all clubs dance in early October.

Beginners learned the secrets of rallying in a free instructional course and practised their new found skills in a 100 mile Orbit rally for novices. After this, noon hour rallyettes were held regularly.

In February, the club sponsored the pushcart Gymkhana on Sam Gompers day, a great success despite the snow and ice.

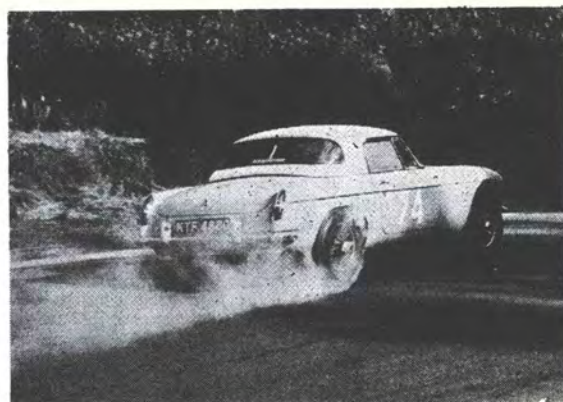
After many hours of work, the Computer rally was staged as one of the Fraser Valley Championship series. Among the 101 entries were teams from BCIT, UBC, SFU plus professionals from automobile clubs from all over the lower mainland.

The final event was a large car Gymkhana held in the parking lot.

The new executive hopes that many graduates will enter the open events that the club organizes every year and that students continue their support on the same scale.



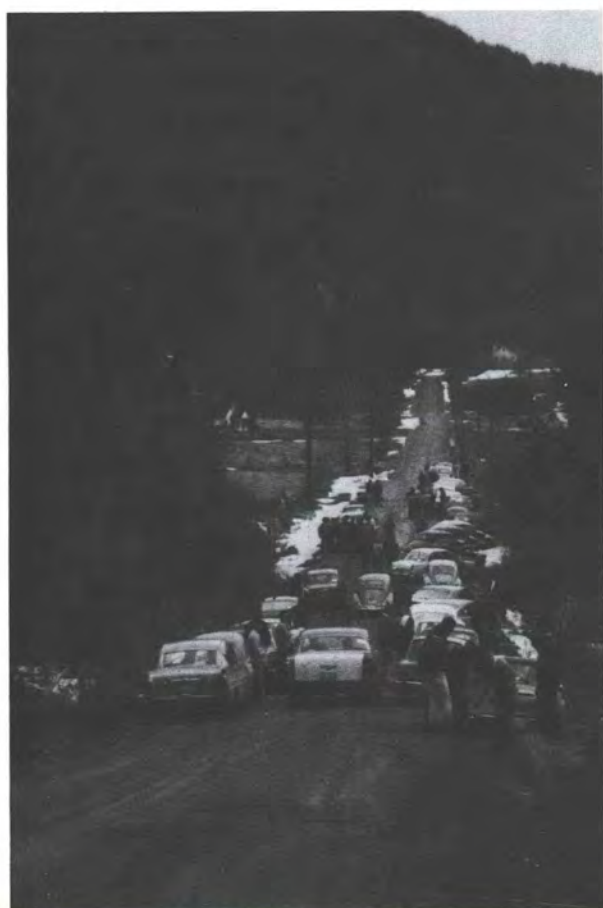
















The ski club was again one of the most active on campus thanks to the enthusiastic support of the members and an imaginative executive.

The first club events involved hikes and pre-ski exercises to condition the members, followed by a Christmas trip to Vernon. After the Christmas break, weekend trips were arranged to Manning Park and Whistler Mountain. The club also took advantage of night skiing on Grouse Mountain.

Over the mid-term break, a five day trip was arranged to Whistler, after which activities tailed off as the members put in the big effort to do the final exams justice.





*Lunch Break*



*Seven Mile Hike*



*Destination — Diamond Head*





*Our Instant Parallel Ski School*



*Lovely Snow But 30 Below*



*Edgar Go To Your Room*





*High Flying "Henning"*







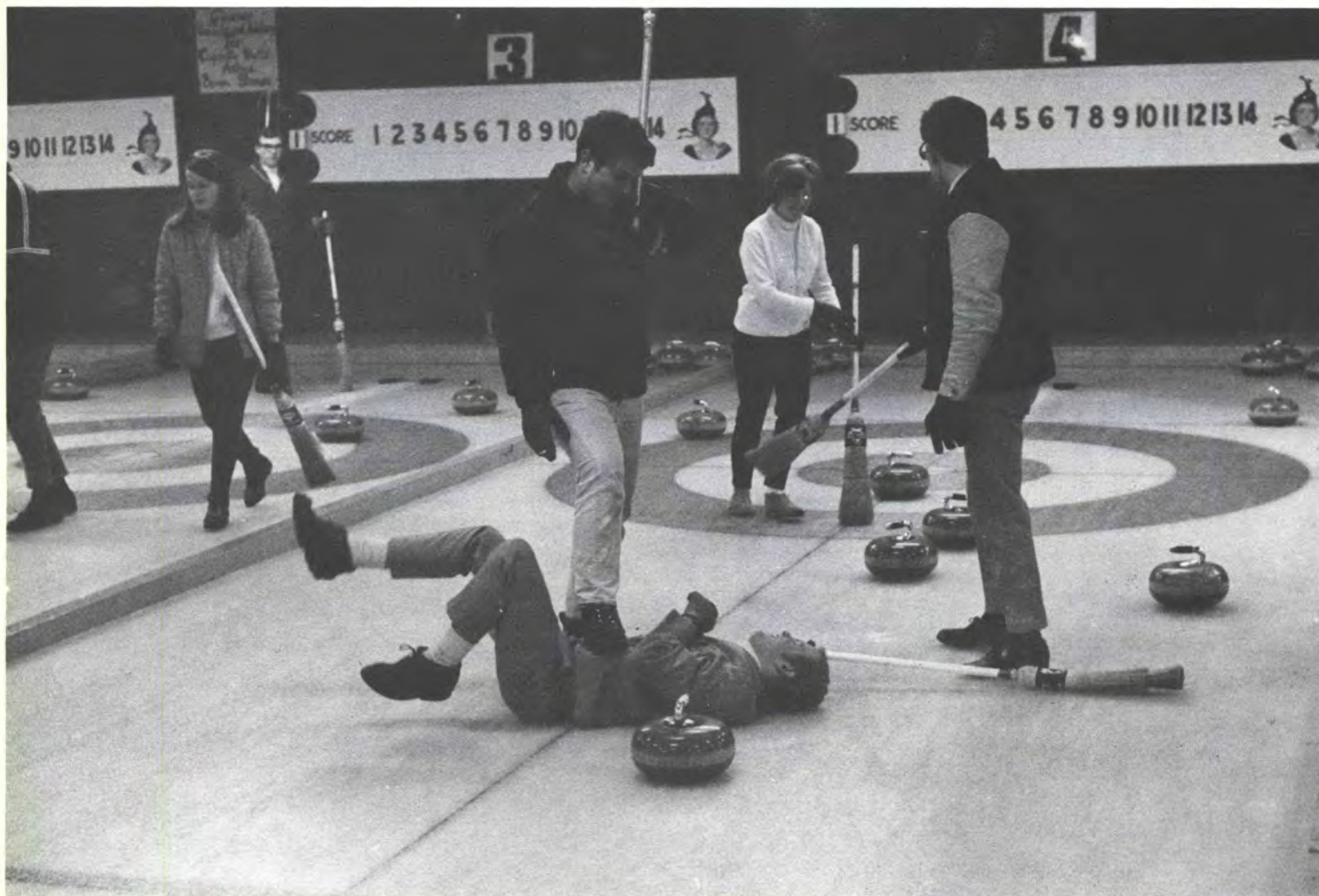
The Curling Club continued to attract many new members for their regular Saturday morning sessions at the McPherson Curling Club. Rinks settled down after the first 3 weeks, resulting in keen inter-club competition.

Four bonspiels were organized by the club with the Costume Spiel in February and the Inter-Tech Spiel in March highlighting the season.

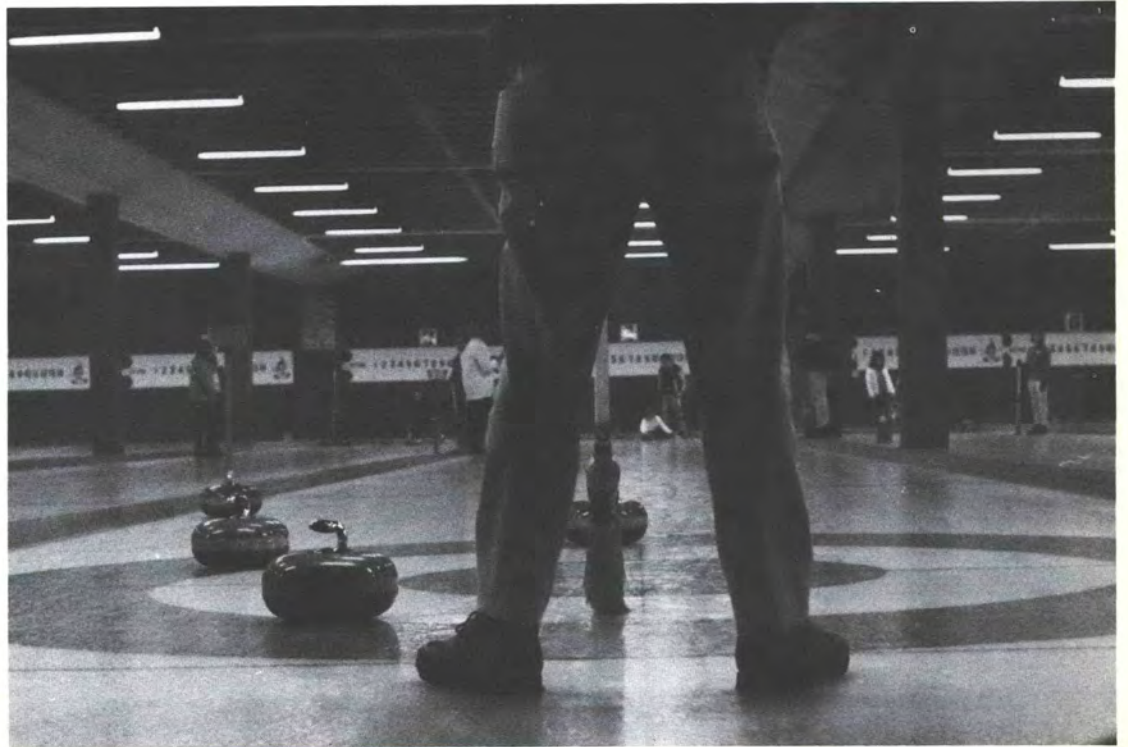
Club teams also participated in the Inter-Varsity Spiels at UVic and UBC, and came home with their share of trophies.

The executive would like to thank everyone who participated in making this a most successful year, and it is hoped that this interest will continue on in the following years.

Good Curling!











*The B.C.I.T. Scuba Club was formed this year. It brought a new perspective for all sports lovers with a desire for swash buckling adventure.*



*Novices take the National Association Underwater Instruction course, to familiarize them with underwater safety and procedures. With this excellent background, the novices are then able to enjoy the sport to its fullest extent.*







## Varsity Christian Fellowship

This year has been a first for the Varsity Christian Fellowship Club in B.C.I.T. "To know Christ and to make Him known" is the motto of this club which has been meeting during the common lunch hour on Wednesdays. This year's program included controversial, thought provoking discussions, and teacher-

student panels in room 473, as well as special open meetings in lecture halls. The group also enjoyed a few social activities together.



Paul Little

The year's activities began with an open meeting in a lecture hall. Paul Little, a V.C.F. staff member, spoke on the topic "Christianity, Dead or Alive?"



Oh . . . that sure is a tough one to answer.



Not all the activities were confined to the "school yard". The first week back at school after the Christmas holidays, the group "took to the hills" for a hike and picnic in the snow at Garibaldi Park.





One of the most interesting activities was one in which all the school was invited to enjoy. The club brought in Brian Lendrum, a blind U.B.C. student who is majoring in music, and his folk-singing group.



A brisk hike through beautiful Golden Ears Park combined with a crisp sunny day make for a hearty appetite and a desire to enjoy the tangy taste of camp-fire roasted wieners and marshmallows. One must, however, be wary of snowballs from the lurking savages!







*The Canadian Universities Service Overseas is an organization without political or religious ties. The service recruits graduates to work in underdeveloped countries at the local wage rates.*

*A club was formed on campus to inform the students of the opportunities available through informal discussions, debates, guest lecturers and films. This is the first year that CUSO has selected Technologists and as a result the selection at B.C.I.T. was limited to 20.*





## Cheerleaders



The Cheerleaders for B.C. I.T. teams were formed this year. Practicing Saturday mornings and cheering at Rugby Games Saturday afternoons, they worked to encourage B.C.I.T. school spirit. Although they were willing to come out to the games of B.C.I.T. teams, they found it impossible in most instances because their uniforms consisted of the Rugby boys' sweaters and skirts which were made under the Supervision of Cathy McRobbie. They hope to have complete uniforms next year, however, so they will be able to participate in games of all B.C.I.T. teams.







Bellingham Trip with Cheerleaders on Board



The rugby club arranged social functions for all visiting teams and sponsored some of the prominent campus social functions, highlighted by the wine and pizza party. To raise funds for an additional trip, booster tickets were sold and five ticket holders won a suit each in draws between September and December. The social life enjoyed by the team members and supporters was a major factor in developing a spirit which has always been a hallmark of the Panthers Rugby team.

The funds raised were used for two scholarships and subsidized a trip to San Francisco over the March break. The Panthers played the San Francisco Rugby Club and beat them 14-8.



## Activities



# Frosh Week



So you're finally here . . . Is this what it's all about: They make you stand in single file outside the door (must be some hidden meaning in this ritual); don't they make you do the same thing at line-ups? I didn't even get a parking ticket, but if they make me stand here any longer, some blue arm of a commissioner will certainly have me towed away.



Everything appears to be efficient here. They hand you an envelope with your name on it containing information that certainly musn't draw its literary inspiration from CANDY. And the time-tabling — everything's layed out for you; done on computers, so they say; so are the locker allocations — but lunch breaks at 7:30 in the morning don't make sense, and lockers next to the nurses on the fourth floor of the new wing — isn't that bad if you're in an engineering technology, but exhausting if you're in Med. Lab . . . And my first class each day of the week is on the first floor!!!

"Welcome to BCIT" and all that . . . I wonder if this uninspiring, monotonous canticle in this assembled theatre is typical of all course lectures.

Now they make you stand in line again — this time to pay your fees. I wonder if this standing in line is typical of life here;;; Some student has just informed me that I'm gonna be finger-printed and mugged down the line. Glad I wore my turquoise shirt and pink tie in this conservative atmosphere.



Well it's all over and I'm officially part of BCIT, but I can't help but wonder if there is any significant relationship in the fact that BCIT is nestled between Oakalla Prison Farm and Willingdon School for Girls. . . Is this a student number or cell block number? In due time I'll find out.

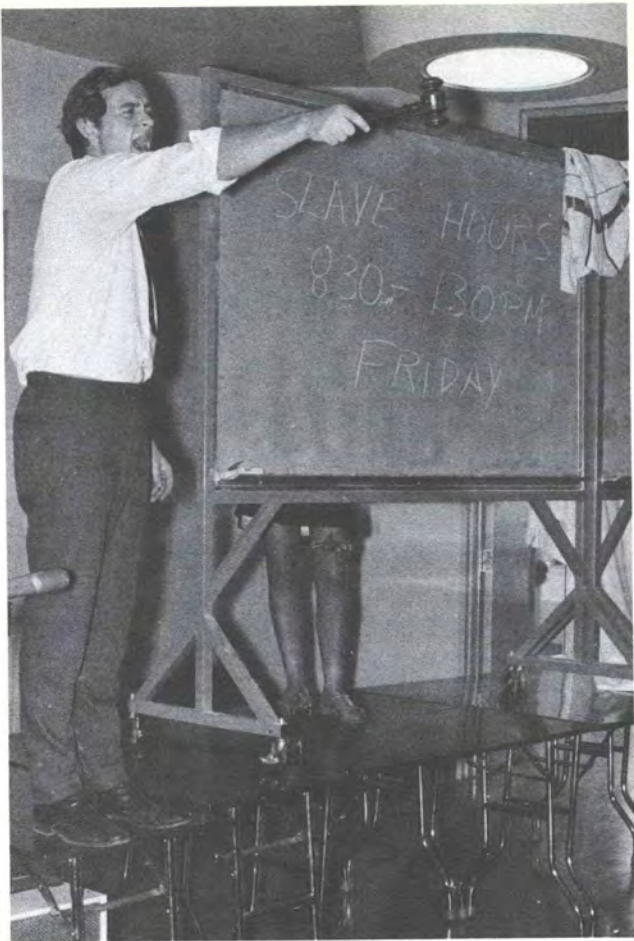














# Business Dance



## BUSINESS DANCE

Friday, September 13th, marked the occasion of the first big dance of the new year. The dance — aptly called the 'New Year's Dance', was sponsored by Business Management Technology, at the Flame Supper Club, and judging from the attendance (approximately 450 people), and the remarks — the dance was well received.

Although originally billed as the 'New Year's Dance', it had a twist to it — a Frosh Queen was crowned. Congratulations to Sylvia Terlebau, BCIT's first Frosh Queen (from Marketing first year), and her two maids of honour: Anne Wakerie, second maid, and Lynne Morgan, first maid. Judges for this gala event were Messrs. Gord Farrell and Glyn Langdale and their wives (to give a feminine view). Mr. G. Langdale is the new coordinator of Student Activities.

Congratulations to Bev Lory.



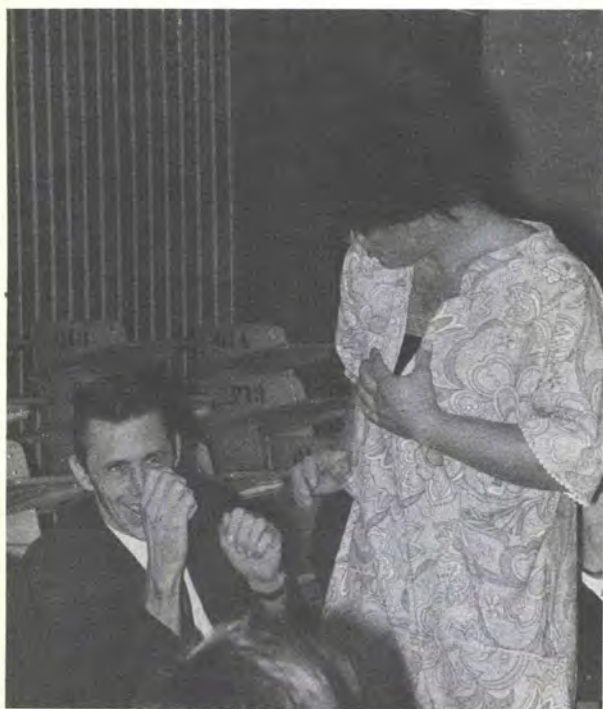


# Blood Drive





# Clubs Day





# Sock Hop





# Scholarship Presentations





## Skits



**WE HAVE A CAMPUS QUEEN  
- DO YOU??**

(or the Day of The Great Queen Robbery)

in Bus... dem... CKT

## Campus Queen Week

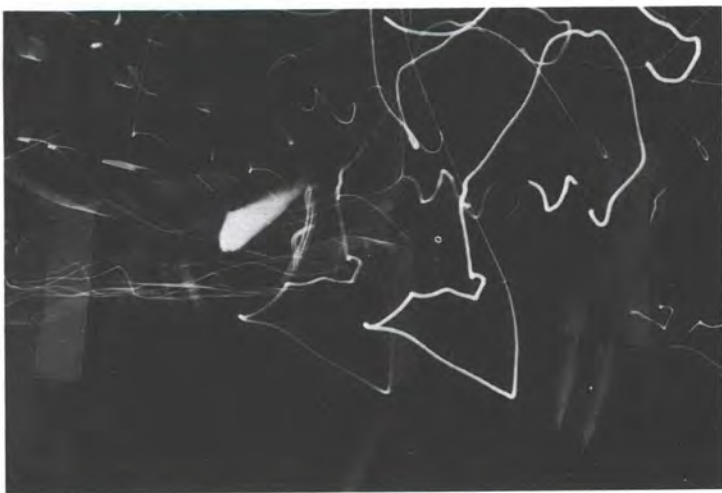








# Dance







## CONGRATULATIONS BUSINESS

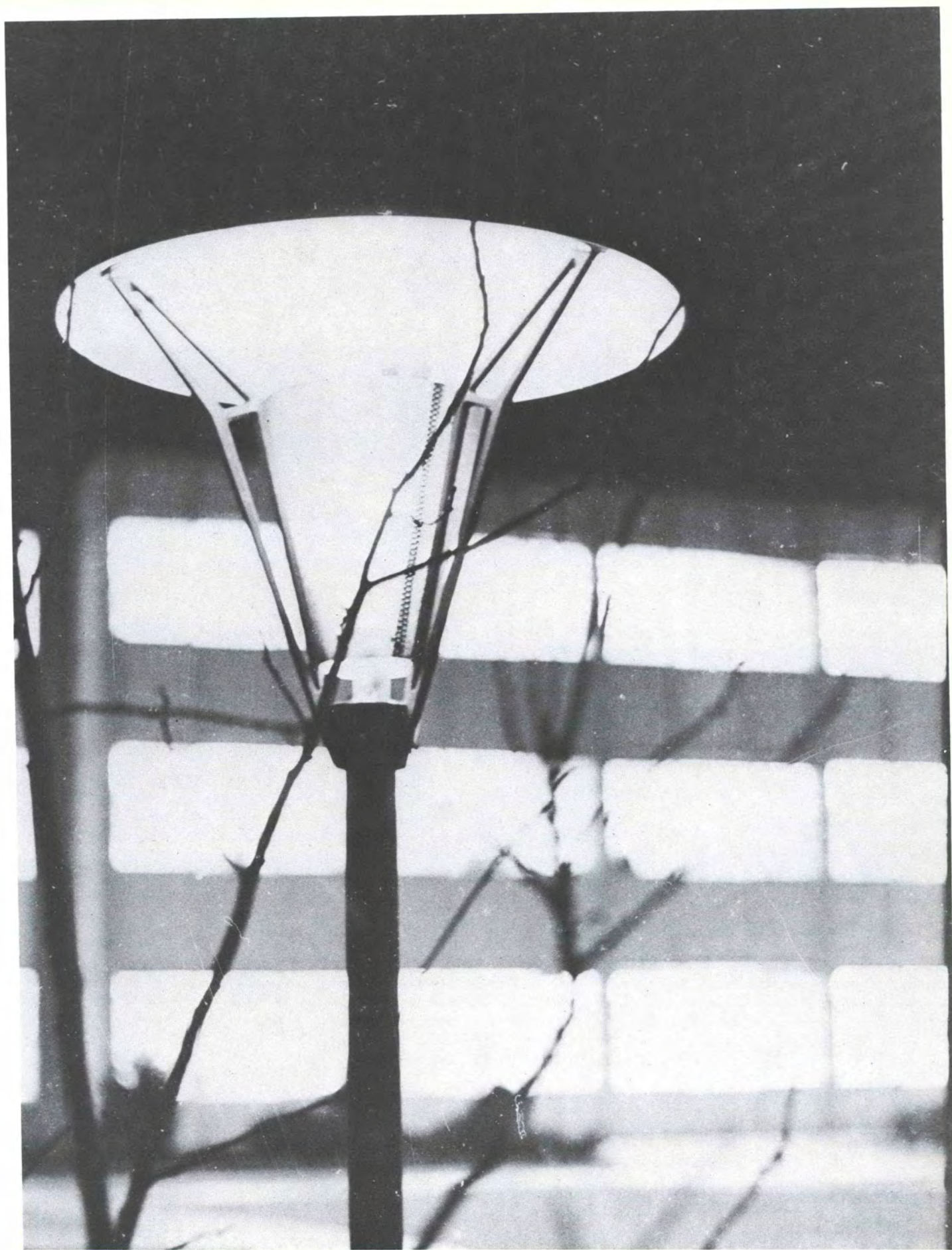
The enthusiastic campaign of Business Technology led to the crowning of their candidates — Miss Grace Hammon and Mr. Spencer Lee as Campus Queen and Best Man on Campus for 1968-69.

First and Second runners-up were Joe Khoury and Bette Weins (Broadcast), and Tom Alms and Lesley Webster (Building).



Multitudes of posters brightened the walls; Broadcasting, Business, and Building were tops in the imaginative skits presented as a part of the campaigning. Campus spirit was evident in all of the stunts, and Broadcast's Hootenanny was talent-packed. The Building — sponsored dance and soc-hop were successful events. An admittedly brilliant coup where Business kidnapped the Queen candidates showed good humour and imaginative planning.







# Wine and Pizza Party



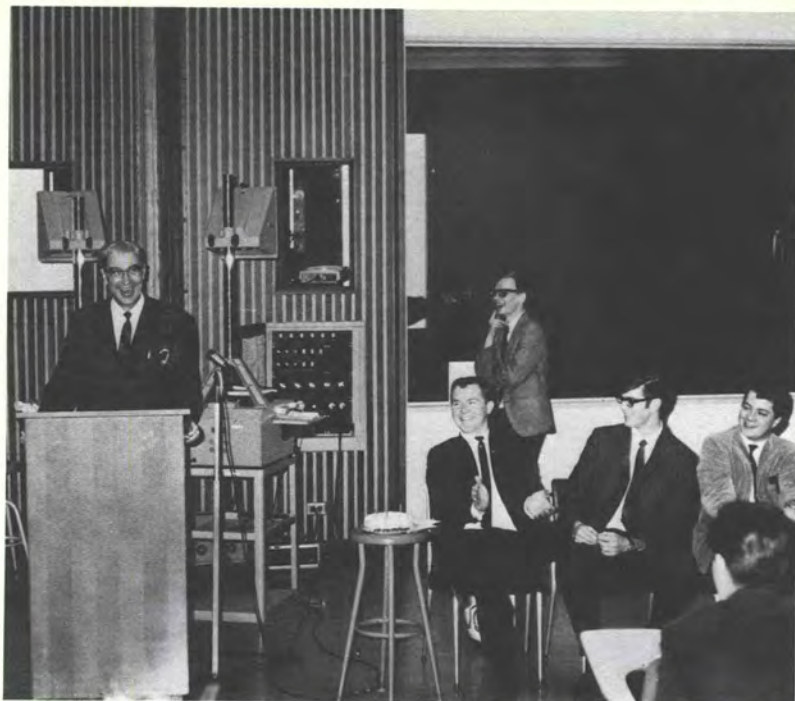


# The Guess Who





# Santa Comes to B.C.I.T.





# Sam Gompers Day



Friday, January 24th was a long awaited day at B.C.I.T. This date is annually dedicated to a threadbare American labor organizer, notorious for his sloppy appearance. Traditionally, the students exchange cigars and present them to the teaching staff in respect of Gomper,

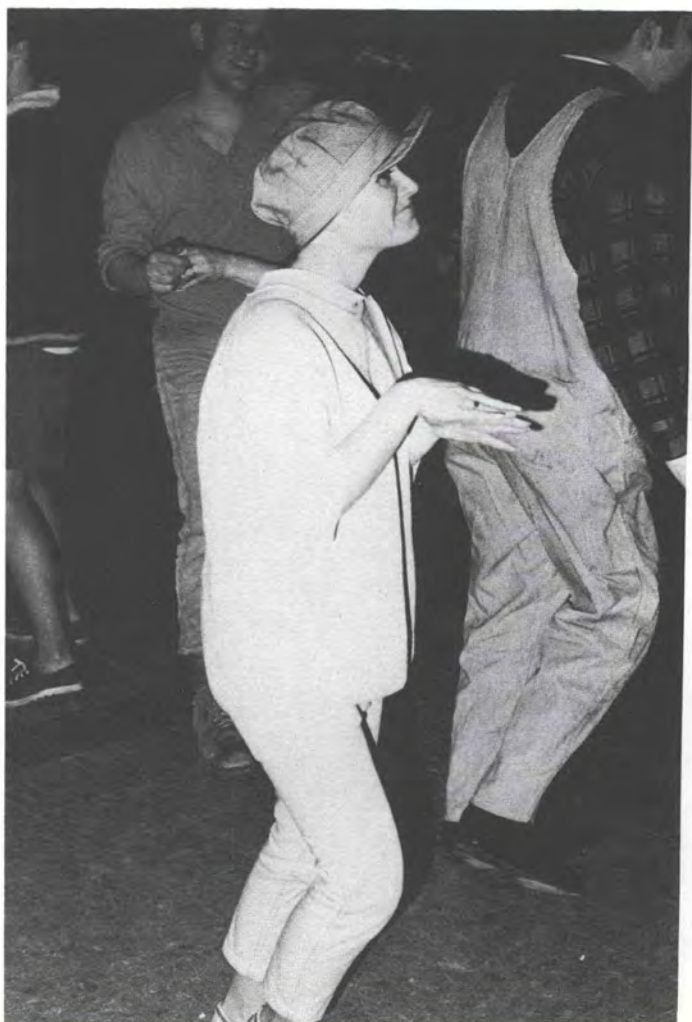


who was an apprentice cigar maker when he first joined the Union.

Ties and suits, all manner of daily B.C.I.T. dress was shed in exchange for comfortably casual, semi-grub, and truly grub apparel. Technical Management came fully prepared with their honour student.













# Snowball









# Council Party





# Forestry Day



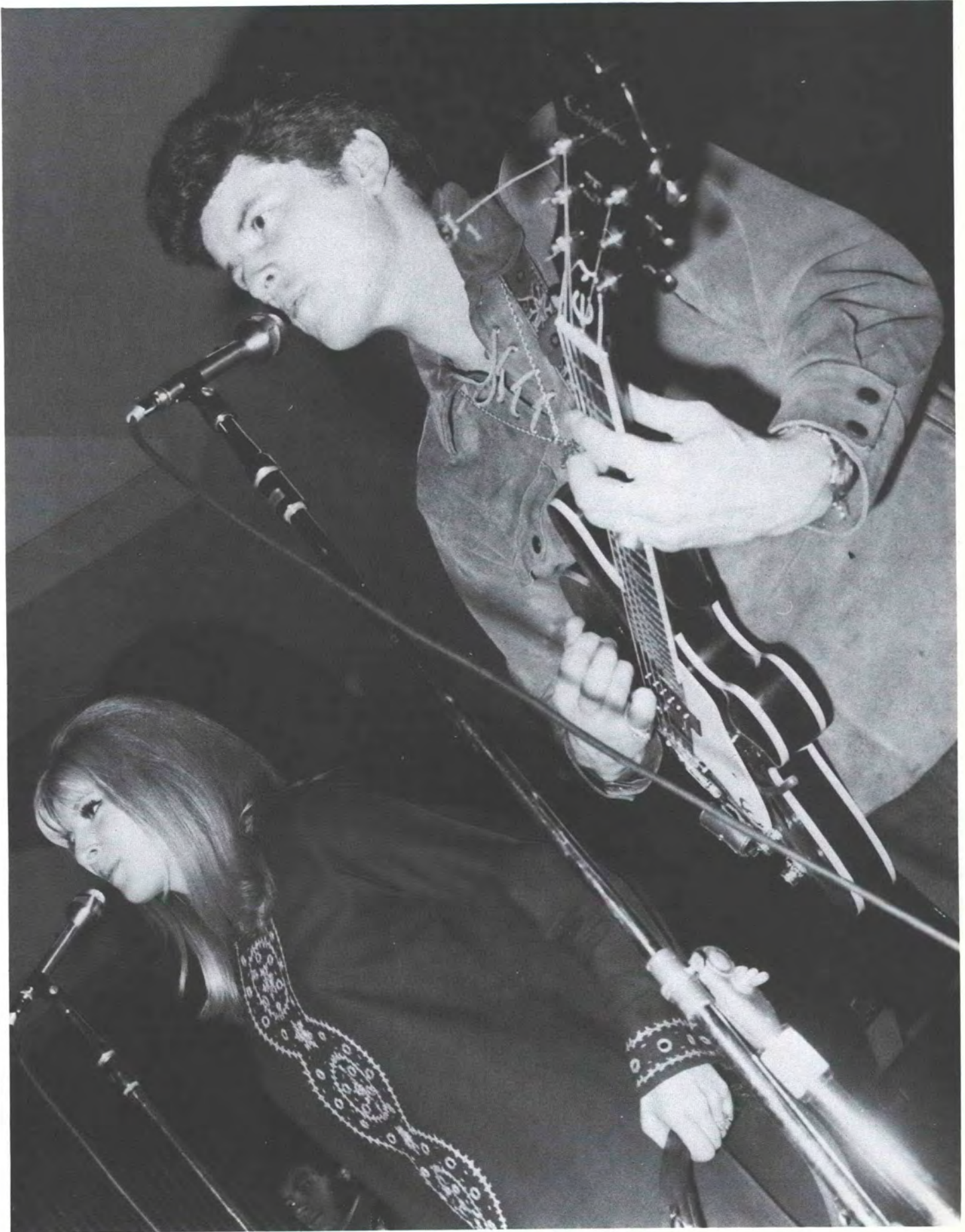


# Forestry





# The Poppy Family





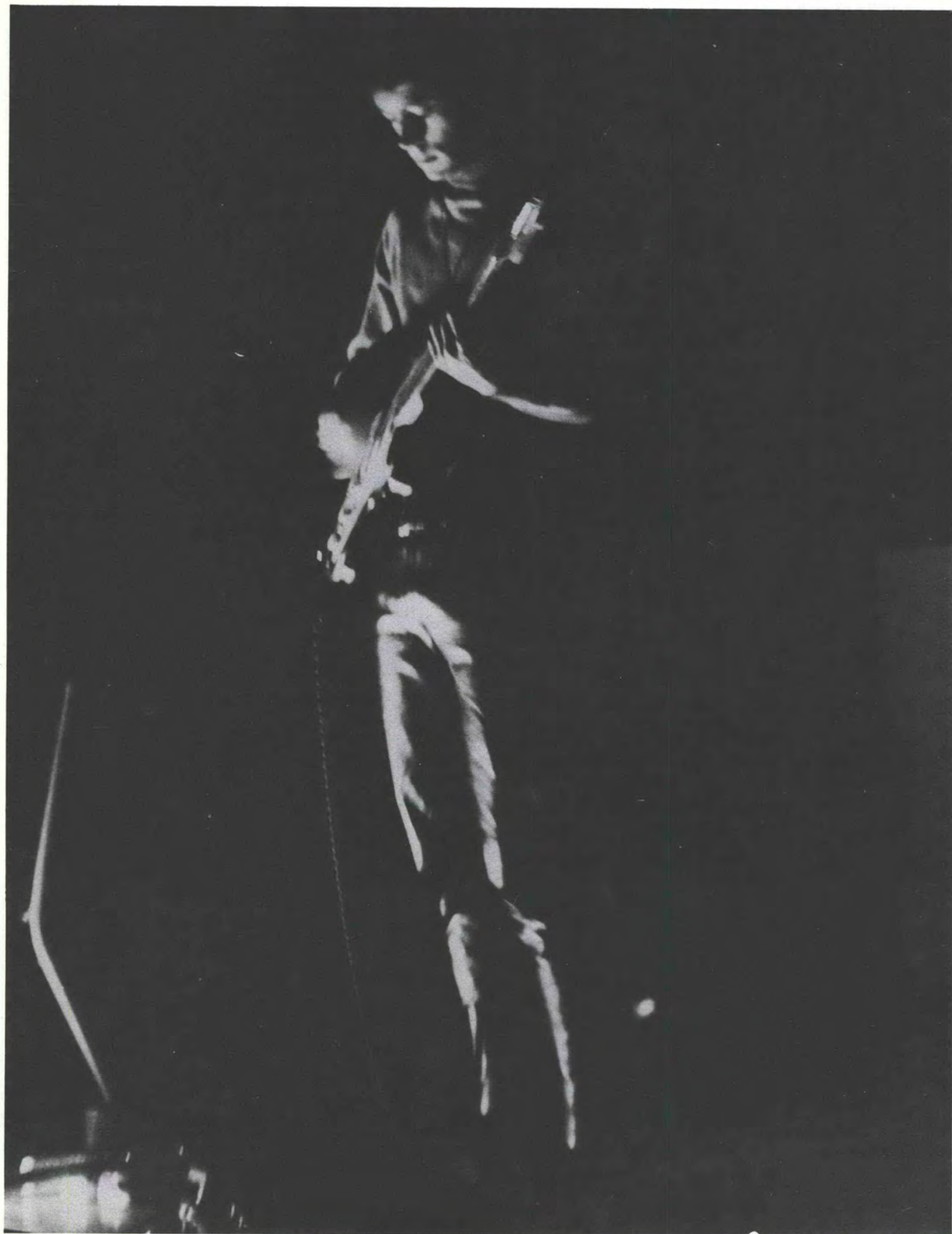


Photo by: Bill Warkentin



Sports



# All Sports Dinner











## Athletic Council

R.G. Mason  
R. Smith  
R. Jackson  
E. Crossin

D. McNicol  
B. McLellan  
E. Tomczyk  
J. Winton

This body was formed last year to govern the policies and budgets of the extra-mural teams. An energetic and unselfish group of staff and students under the chairmanship of Bob Mason put in many hours to overcome all the inherent difficulties of administering an athletic program without on campus facilities. The results of their considerable efforts are evident in the expanding extra-mural program. The pressures that they exerted helped push the government into establishing on campus sports facilities.

The coaches of all the teams attended the meetings regularly. They were very active in all discussions and their many suggestions did much to speed the council's business.

A unique feature of this institute is that staff, coaches and student representatives can unselfishly plan a balanced extra-mural program, in some cases at the expense of the sport with which they are intimately involved.

The participation of members of staff, as council members, coaches and team managers over and above their instructional duties are essential to a healthy sports program in this two year institute. These efforts, combined with the student's desire to participate, have developed respected and highly competitive school teams.





Gus

Hockey being Canada's major sport, it is only fitting that B.C.I.T. should have a team. Last year, inter-technology hockey caught fire and as a result a pick-up team was formed to play a couple of exhibition games. This year a major budget was approved and a regular school team was formed. Most of the equipment required was provided from this budget.

It should be noted that a full slate of players and coaches turned out, even with practices at 6:00 A.M. And there was no lack of enthusiasm from the fans, who averaged about 150 for the home games at the Forum.

The highlight of the year was a four game series against Simon Fraser. The fans were really exuberant and spurred the B.C.I.T. team to a fantastic come from behind win and two ties. There was only one loss against the much more experienced team from S.F.U.

Next year the team and its supporters are looking forward to an exciting season in a six team Intercollegiate League.

Coaches — D. Mason  
G. Anderson

Manager — G. Weston

















The Panthers

Throughout the 1968-69 season the members of the Panthers continued to show the enthusiasm and high-spirits for which they established the previous season attracted many new players to the club and it was possible to field two teams.

The Panthers played in the Junior Inter-collegiate League against teams from UBC, SFU, U. of Vic. and Royal Roads. Although they tied for the top spot in the league standings they lost the championship on account of a less favourable points for and against aggregate. The second team played a series of exhibition games against the local rugby clubs. They had a remarkable degree of success, and in fact, they defeated the 4th division league champions in a best of three game series.

The rugby season was climaxed by a trip to California where the Panthers played a game against the San Francisco Rugby Club. The tour was a great success and Panthers were asked to return for rematch next season. The San Francisco Rugby Club are out to avenge the loss they suffered this year, but they are due for a disappointment if the Panther's coaches continue to build the momentum and spirit that they established to make their teams a threat in any competition.

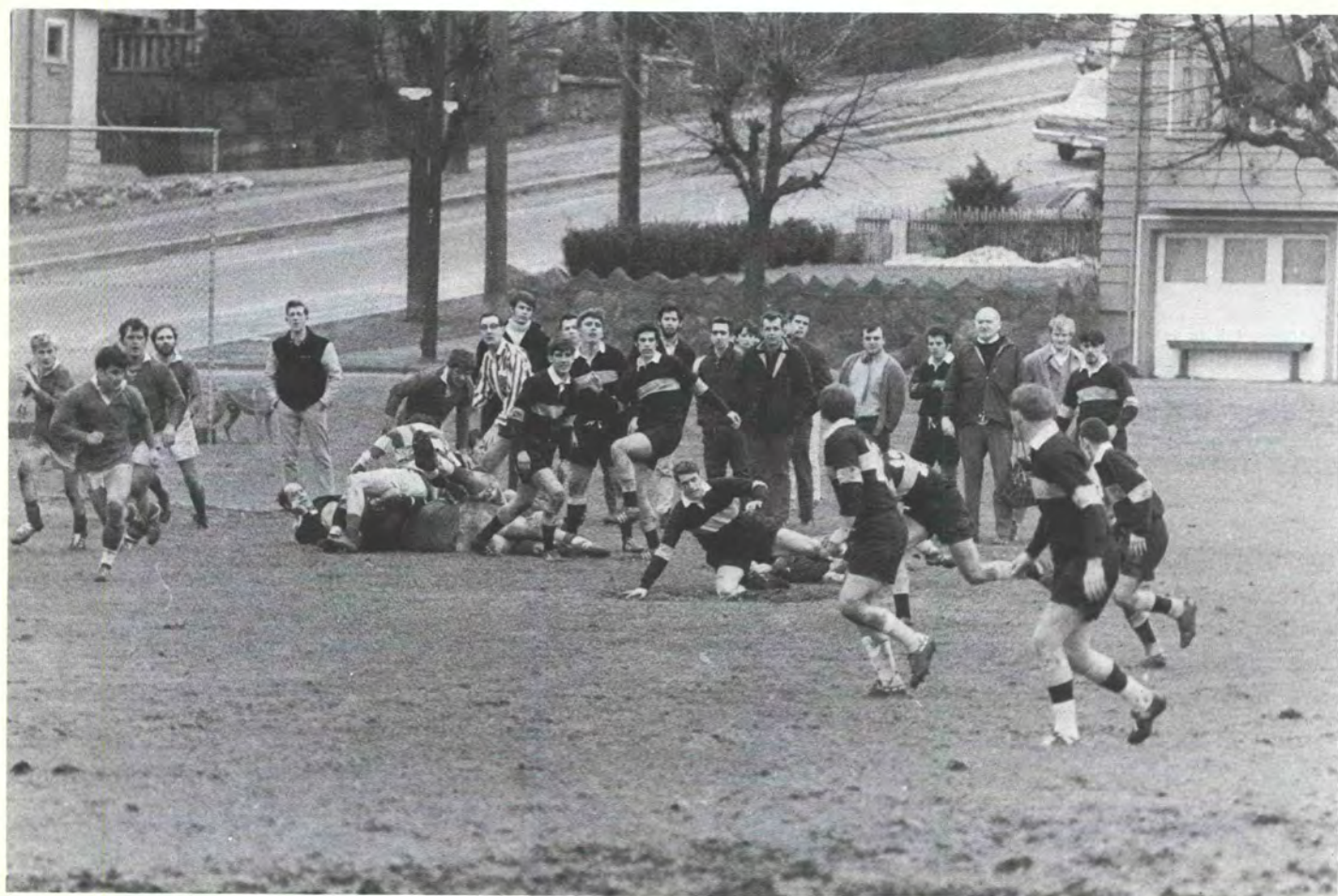


Decisions? Decisions?

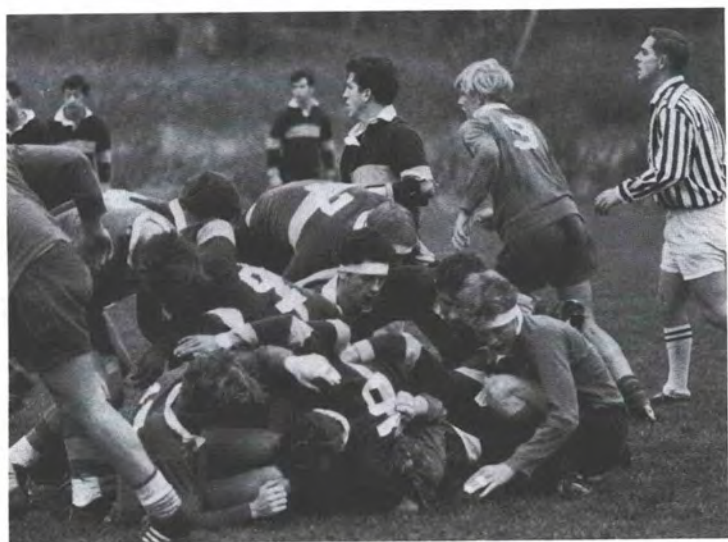
Coaches — N. Abdurahman  
J. Preston

Manager — P. Haig















## Grass Hockey



Last year, an enthusiastic group of young ladies got together and formed the nucleus of a field hockey team. This resulted in the formation of a representative B.C.I.T. side which played in the second division of the Vancouver Women's Field Hockey Association.

League games were scheduled at Trafalgar Park every Saturday, commencing September 28th. The team was just beginning to settle down, when rain and snow forced the cancellation of most games between mid-November and late February.

The intermittent games, lack of facilities and the problem of scheduling practices with the team members from Nursing and Radiography, made it difficult for the team to realize its full potential, but the spirit with which the girls played the game was a credit to the institute.

The foundation of a good team was formed this year and with continued participation from the students, B.C.I.T. could become a real contender in the Vancouver league.

Coach — L. Tolani















Coach — D. Laing  
Managers — E. Cairns  
G. Bedwell











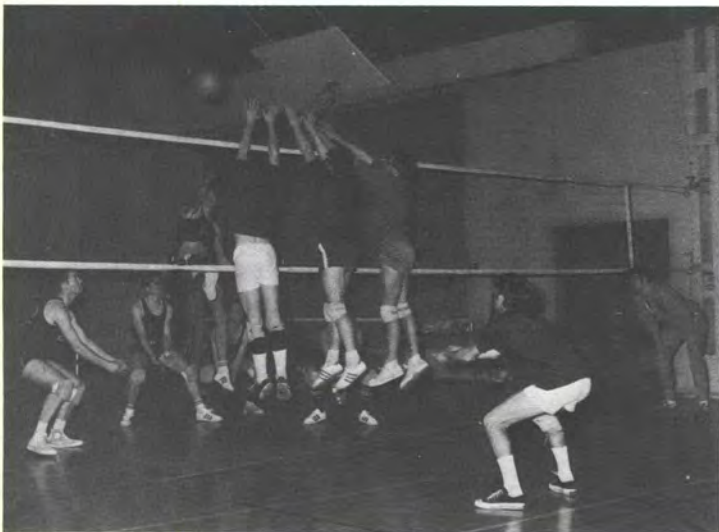
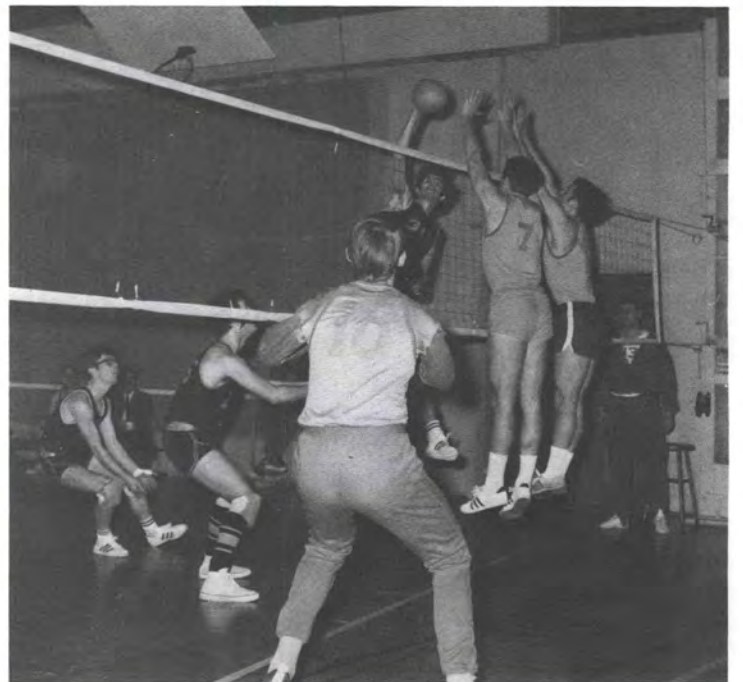


Volleyball

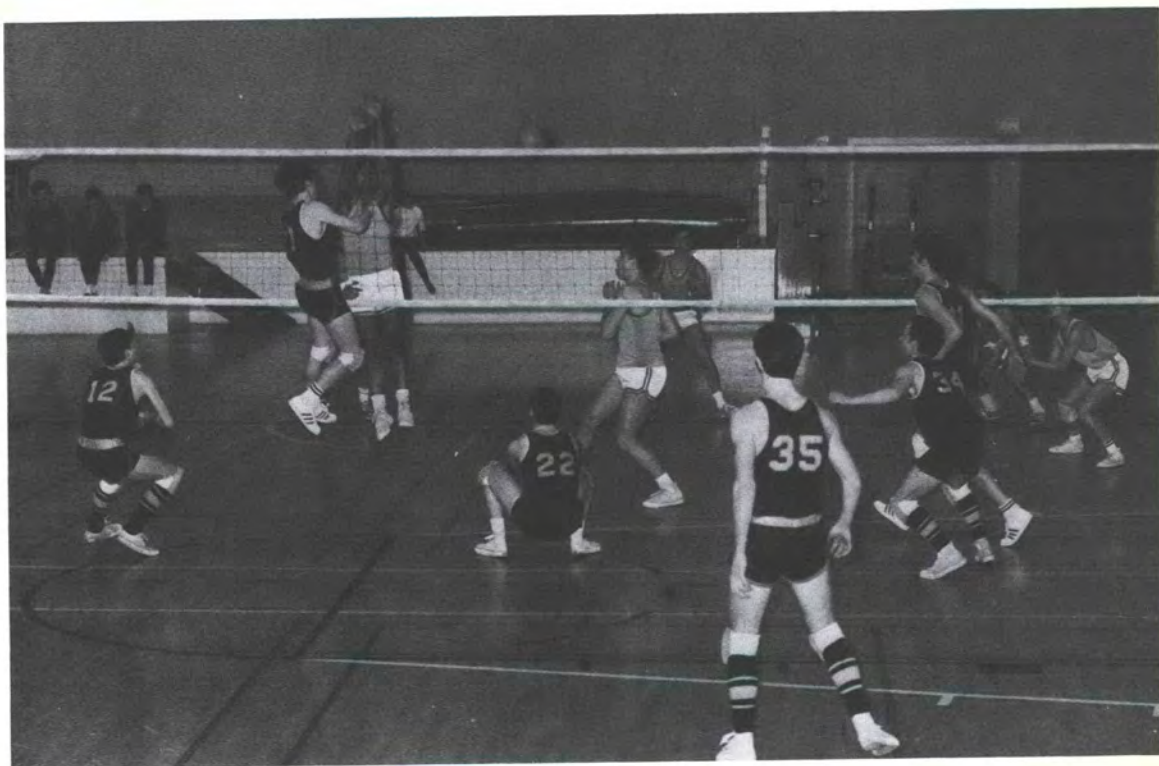
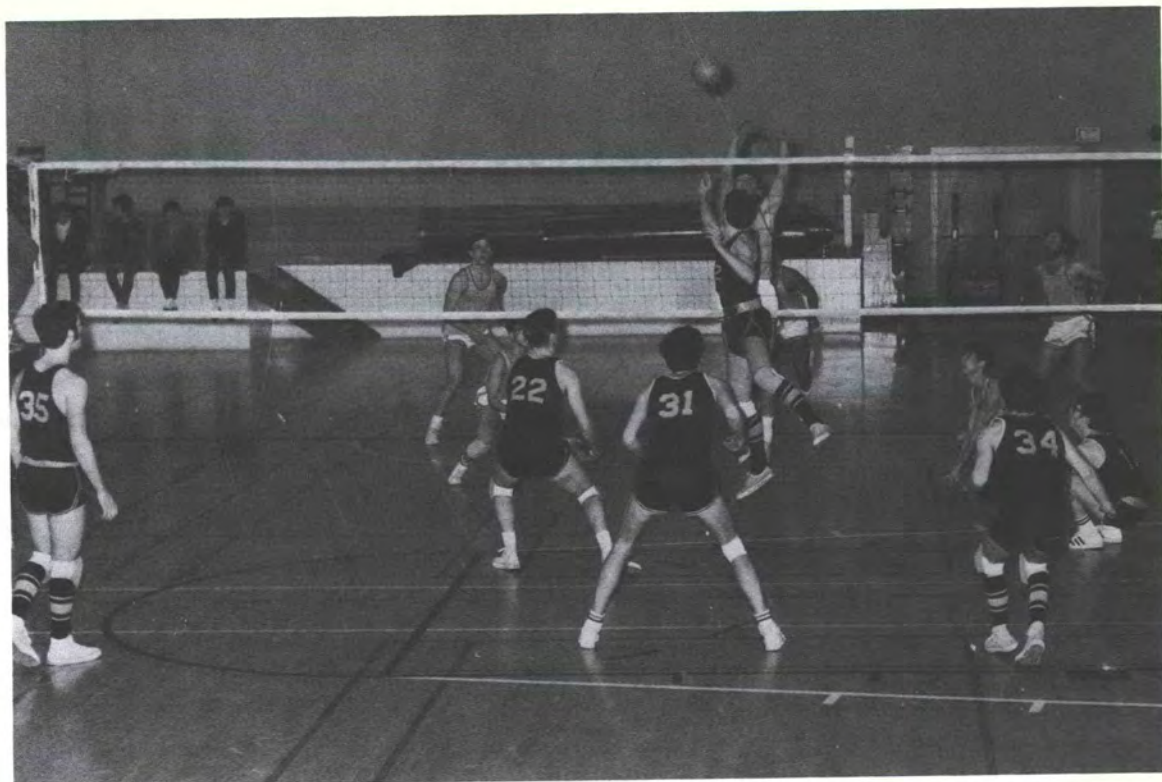


Coach — V. Lindal

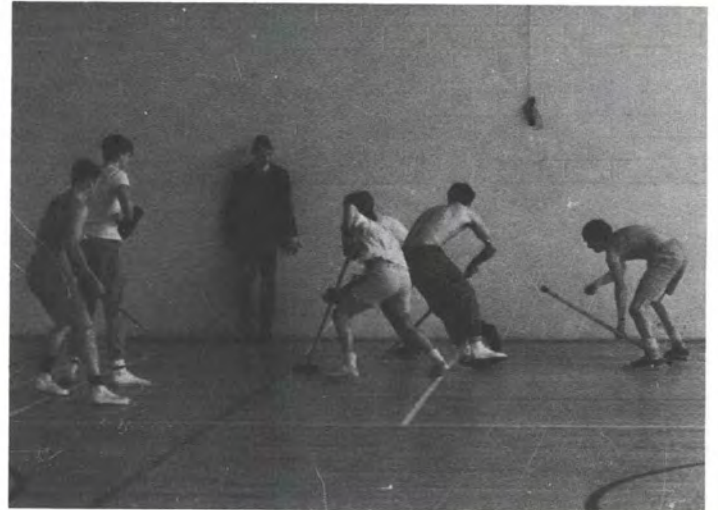










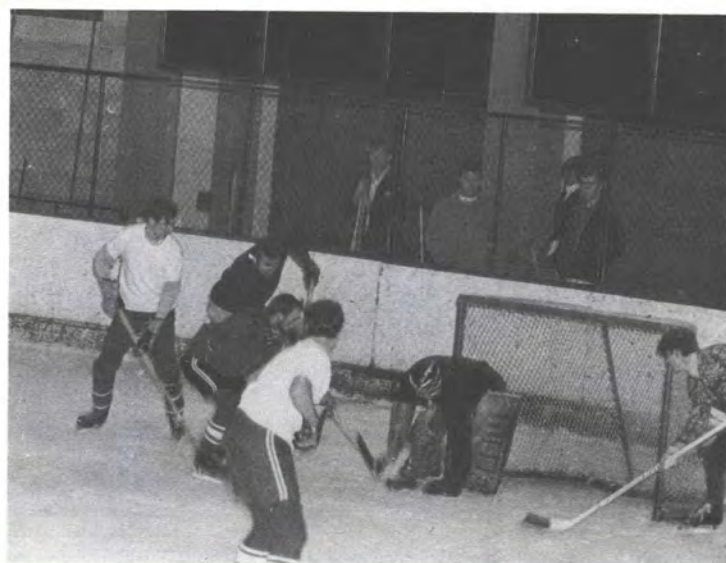




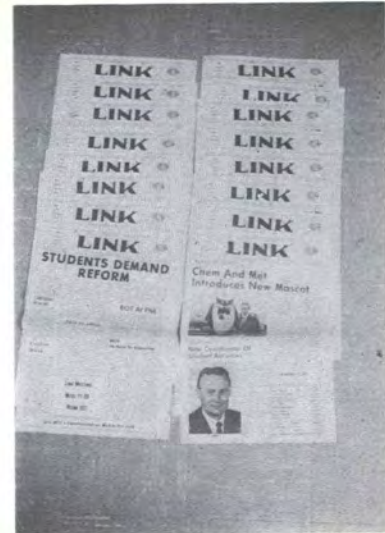
Volleyball











Red Hot News



John Horbatch, Editor



Toto Miller, Columnist



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Ted Nikiforuk



*Its Somewhere around here.*





Another year has passed; another Nucleus has been published. This, the fourth Nucleus from B.C.I.T., I hope will serve in future years, as a link with bygone years; the good years at B.C.I.T.

This edition, although it shouldn't be admitted, has risen from amidst confusion. Producing a yearbook is a full year's project. Nucleus '69 was produced in four months. This is not a boast, but an apology. I hope, through the confusion and haste, that the quality of the forerunners to Nucleus '69 has been retained. That is not for us to decide; the book was not published for me, but for you.

In this day and age, change is imminent. Nucleus '69 has followed the trend. A new approach to production was attempted this year. Rather than have the editorial staff design the entire format for the book, each technology was given the responsibility of producing its own section. In most cases, as you can well see, it proved to be very successful. Enthusiasm was great; co-ordination was somewhat lacking.

Despite the drawbacks which arise in every such undertaking, our goal has been realized. However, I cannot confine this statement to Nucleus '69 alone. Although I do not know what specific goals they had set for themselves in September, the Student Association executive of B.C.I.T. accomplished a great deal in the 1968-69 school year. Brian Johncox and Peter Munsie have given a year of continual devotion to the advancement of the students and the facilities at B.C.I.T. As a result of their efforts, the future students of B.C.I.T. will enjoy the facilities provided by the Multi-Purpose Building which has been designed to house a gymnasium, student offices, publications offices, student lounges and possibly a cafeteria. This building will provide the students with a place to pass their much needed leisure time.

Although I have strayed from conventional editorial content, I truly felt that on behalf of the students a vote of thanks should be extended to the Student Executive for their hard work and they receive congratulations for their overwhelming successes.

I also convey my thanks to my hard-working and understanding Assistant Editor, Chris Burden. Her careful organization prevented bedlam from ruling my actions during the somewhat hectic months of production. Sports and Clubs Editor, Mike Williams and Activities Editor, Ted Nikiforuk also worked hard to help make Nucleus '69 a book which truly reflects a successful year's activities. Perhaps the greatest vote of thanks should go to the Photo Directorate, which operated at full capacity under the able leadership of Bruce Stott. Their hours of work formed the skeleton around which our ideas have been developed.

This year has been one of continuous activity for both faculty and students at B.C.I.T., a year for laughter and perhaps some tears. Years ago I was told that my school years would be the best years of my life. I doubted it then, but now I have gained some insight into the truth of those words. I am sure that many of you have also heard these words at some point in your life. I can only hope that Nucleus '69 can emphasize their meaning, and serve as a constant reminder of the 'best years of your life' throughout the years to come.

To those of you who graduate this year, I take this opportunity to wish you every success in your chosen careers. I would also like to remind you that while our formal education now draws to a close, our education is really far from ending. Life goes on, and we must 'live and learn' as we move on.

R. A. Burnie,  
Editor-in-Chief



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Bruce Stott  
Walter Tamura  
Kelvin Worrall  
John Horbatch  
Oscar Brown  
Bob Burnie

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Graduates' Photographs  
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